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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 16:40:29 ; Search time 68.2857 Seconds
(without alignments)
670.942 Million cell updates/sec

Title: US-09-974-619E-34

Perfect score: 28

Sequence: 1 cacaagacccttctgtggagacactta 28

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA.*

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- 2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
- 3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
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- 5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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3	26.4	94.3	1707	4	US-09-949-016-121
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5	26.4	94.3	35803	4	US-09-949-016-11863
6	26.4	94.3	35804	4	US-09-949-016-12962
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8	21.8	77.9	601	4	US-09-949-016-93487
9	21.8	77.9	601	4	US-09-949-016-93502
10	21.8	77.9	1512	4	US-08-277-031B-4
11	21.8	77.9	2059	4	US-09-023-655-1062
12	21.8	77.9	2079	4	US-09-949-016-2691
13	21.8	77.9	2080	4	US-09-949-016-2690
14	21.8	77.9	2759	3	US-09-144-367-1
15	21.8	77.9	2768	4	US-09-949-016-1221
16	21.8	77.9	31197	4	US-09-949-016-12963
17	21.8	77.9	34172	4	US-09-949-016-14432
18	21.8	77.9	103934	4	US-09-949-016-14433
19	18.6	66.4	7542	3	US-09-734-030-3
20	18.6	66.4	7542	4	US-10-153-921-3
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23	18.2	65.0	83428	4	US-09-949-016-13610
24	18	64.3	601	4	US-09-949-016-151014
25	18	64.3	239527	4	US-09-949-016-15980
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	39	17.4	62.1	2498	2	US-08-609-049A-29	Sequence 29, Appli
	40	17.4	62.1	5285	2	US-08-170-996-29	Sequence 29, Appli
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	69	17	60.7	2163	4	US-09-248-796A-5726	Sequence 5726, Ap
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	99	16.8	60.0	4240	4	US-09-949-016-373	Sequence 373, App
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ALIGNMENTS

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RESULT 1
US-09-023-655-1405
; Sequence 1405, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1405:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1599 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: 9438625
; US-09-023-655-1405

Query Match 94.3%; Score 26.4; DB 4; Length 1599;
Best Local Similarity 96.4%; Pred. No. 0.0078;
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 916 CACAAGACCCCTTTGTGGAGAGCACTAA 943

RESULT 2
US-09-023-655-1060
; Sequence 1060, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
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; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1060:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1707 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g181345
; US-09-023-655-1060

Query Match 94.3%; Score 26.4; DB 4; Length 1707;
Best Local Similarity 96.4%; Pred. No. 0.0079;
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 683 CACAAGACCCCTTTGTGGAGAGCACTAA 710

RESULT 3
US-09-949-016-121
; Sequence 121, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 1707
; TYPE: DNA
; ORGANISM: Human
; US-09-949-016-121
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 19:10:46 ; Search time 384.714 Seconds
(without alignments)
486.627 Million cell updates/sec

Title: US-09-974-619E-34

Perfect score: 28

Sequence: 1 cacaagacccttctgtgagagcactta 28

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

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Total number of hits satisfying chosen parameters: 14801408

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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Published Applications NA:*

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- 25: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
- 26: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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3	26.4	94.3	1525	9	US-09-880-107-3816
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5	26.4	94.3	1599	18	US-10-641-643-1405
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Sequence 1714, Ap					
Sequence 3816, Ap					
Sequence 1724, Ap					
Sequence 1405, Ap					
Sequence 2114, Ap					
Sequence 1060, Ap					

8	26.4	94.3	5799	22	US-10-450-763-14240	Sequence 14240, A
9	26.4	94.3	5799	22	US-10-450-763-15174	Sequence 15174, A
10	26.4	94.3	6637	22	US-10-450-763-6846	Sequence 6846, Ap
11	26.4	94.3	177531	21	US-10-484-577-660	Sequence 660, Appl
12	21.8	77.9	429	14	US-10-146-575-7	Sequence 7, Appl
c	13	77.9	987	17	US-10-188-359-198	Sequence 198, Appl
	14	77.9	1190	16	US-10-120-804-12	Sequence 12, Appl
15	21.8	77.9	1458	20	US-10-690-991-1	Sequence 1, Appl
16	21.8	77.9	1458	21	US-10-833-296-1	Sequence 1, Appl
17	21.8	77.9	1458	22	US-10-516-338-7	Sequence 7, Appl
18	21.8	77.9	1458	24	US-11-076-967-1	Sequence 1, Appl
19	21.8	77.9	1512	17	US-10-313-963A-55	Sequence 55, Appl
20	21.8	77.9	1608	20	US-10-335-053-301	Sequence 301, Appl
21	21.8	77.9	1971	9	US-09-954-456-184	Sequence 184, Appl
22	21.8	77.9	1971	9	US-09-880-107-1589	Sequence 1589, Ap
23	21.8	77.9	1971	9	US-09-957-997-2	Sequence 2, Appl
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35	21.8	77.9	2849	9	US-09-880-107-2110	Sequence 2110, Ap
36	21.8	77.9	96960	21	US-10-484-577-662	Sequence 662, Appl
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47	19.4	69.3	416	9	US-09-960-352-9144	Sequence 9144, Ap
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54	19	67.9	546	13	US-10-027-632-316456	Sequence 316456, Appl
55	19	67.9	546	13	US-10-027-632-316457	Sequence 316457, Appl
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57	19	67.9	546	17	US-10-027-632-86717	Sequence 86717, A
58	19	67.9	546	17	US-10-027-632-86718	Sequence 86718, A
59	19	67.9	546	17	US-10-027-632-86719	Sequence 86719, A
60	19	67.9	546	17	US-10-027-632-316456	Sequence 316456, Appl
61	19	67.9	546	17	US-10-027-632-316457	Sequence 316457, Appl
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63	19	67.9	600	22	US-10-372-079-82988	Sequence 82988, A
64	19	67.9	1237	13	US-10-027-632-252663	Sequence 252663, Appl
65	19	67.9	1237	13	US-10-027-632-252664	Sequence 252664, Appl
66	19	67.9	1237	13	US-10-027-632-252665	Sequence 252665, Appl
67	19	67.9	1237	13	US-10-027-632-252666	Sequence 252666, Appl
68	19	67.9	1237	13	US-10-027-632-252667	Sequence 252667, Appl
69	19	67.9	1237	13	US-10-027-632-252668	Sequence 252668, Appl
70	19	67.9	1237	13	US-10-027-632-252669	Sequence 252669, Appl
71	19	67.9	1237	17	US-10-027-632-252670	Sequence 252670, Appl
72	19	67.9	1237	17	US-10-027-632-252671	Sequence 252671, Appl
73	19	67.9	1237	17	US-10-027-632-252672	Sequence 252672, Appl
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76	19	67.9	77834	13	US-10-087-192-343	Sequence 343, Appl
77	18.6	66.4	516	13	US-10-027-632-128179	Sequence 128179, Appl
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79	18.6	66.4	2011	9	US-09-880-107-1586	Sequence 1586, Ap
80	18.6	66.4	3915	9	US-09-764-868-1378	Sequence 1378, Ap

c 81 18.6 66.4 7542 9 US-09-734-030-3 Sequence 3, Appli
c 82 18.6 66.4 7542 13 US-10-153-921-3 Sequence 3, Appli
c 83 18.6 66.4 7542 18 US-10-669-689-3 Sequence 3, Appli
c 84 18.6 66.4 7542 21 US-10-924-786-3 Sequence 3, Appli
c 85 18.4 65.7 101365 20 US-10-719-993-6830 Sequence 6830, Ap
c 86 18.2 65.0 516 13 US-10-027-632-128178 Sequence 128178,
c 87 18.2 65.0 516 17 US-10-027-632-128178 Sequence 128178,
c 88 18.2 65.0 550 9 US-09-864-761-9815 Sequence 9815, Ap
c 89 18.2 65.0 677 13 US-10-027-632-198980 Sequence 198980,
c 90 18.2 65.0 677 17 US-10-027-632-198980 Sequence 198980,
c 91 18.2 65.0 3381 9 US-09-764-847-1092 Sequence 1092, Ap
c 92 18.2 65.0 3381 14 US-10-092-154-1092 Sequence 1092, Ap
c 93 18.2 65.0 4063 9 US-09-764-847-1091 Sequence 1091, Ap
c 94 18.2 65.0 4063 14 US-10-092-154-1091 Sequence 1091, Ap
c 95 18.2 65.0 25348 13 US-10-087-192-784 Sequence 784, App
c 96 18.2 65.0 32249 17 US-10-242-355-1132 Sequence 1132, Ap
c 97 18.2 65.0 241805 19 US-10-741-601-5621 Sequence 5621, Ap
c 98 18.2 65.0 241805 21 US-10-741-600-17581 Sequence 17581, A
c 99 18.2 65.0 260549 21 US-10-741-600-17723 Sequence 17723, A
c 100 18 64.3 370 15 US-10-002-623-93 Sequence 93, Appl

ALIGNMENTS

RESULT 1
US-09-974-619B-34
; Sequence 34, Application US/09974619B
; Publication No. US20030143537A1
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Joing
; APPLICANT: Assem, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; FILE REFERENCE: 44158/244344
; CURRENT APPLICATION NUMBER: US/09/974.619B
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 34
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-974-619B-34

Query Match 100.0%; Score 28; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.0017;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CACAAGACCCCTTTGTGGAGGACACTTA 28
Db 1 CACAAGACCCCTTTGTGGAGGACACTTA 28

RESULT 2
US-10-696-639-1714
; Sequence 1714, Application US/10696639
; Publication No. US20050037439A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; APPLICANT: Bourner, Maureen J.
; TITLE OF INVENTION: DIFFERENTIALLY EXPRESSED GENES INVOLVED IN CANCER, THE
; FILE REFERENCE: 01040/1
; CURRENT APPLICATION NUMBER: US/10/696.639
; CURRENT FILING DATE: 2003-10-29
; PRIOR APPLICATION NUMBER: 60/422,176
; PRIOR FILING DATE: 2002-10-29

; NUMBER OF SEQ ID NOS: 3114
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1714
; LENGTH: 441
; TYPE: DNA
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (99)-(112)
; OTHER INFORMATION: n=unknown
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (397)-(397)
; OTHER INFORMATION: n=unknown
US-10-696-639-1714
Query Match 94.3%; Score 26.4; DB 21; Length 441;
Best Local Similarity 96.4%; Pred. No. 0.012;
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 CACAAGACCCCTTTGTGGAGGACACTTA 28
Db 144 CACAAGACCCCTTTGTGGAGGACACTTA 171

RESULT 3
US-09-880-107-3816
; Sequence 3816, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; CURRENT FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3816
; LENGTH: 1525
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 X90579
US-09-880-107-3816

Query Match 94.3%; Score 26.4; DB 9; Length 1525;
Best Local Similarity 96.4%; Pred. No. 0.013;
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 CACAAGACCCCTTTGTGGAGGACACTTA 28
Db 815 CACAAGACCCCTTTGTGGAGGACACTTA 842

RESULT 4
US-10-106-698-1724
; Sequence 1724, Application US/10106698
; Publication No. US20030109690A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptide
; FILE REFERENCE: PA005P1
; CURRENT APPLICATION NUMBER: US/10/106.698
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US00/26524
; PRIOR FILING DATE: 2000-09-28

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OM nucleic - nucleic search, using sw model

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Title: US-09-974-619E-32

Perfect score: 23

Sequence: 1 tggaaatgtaccttttaagtggg 23

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA.*

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3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
5: /cgn2_6/ptodata/1/ina/PCITUS_COMB.seq.*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	23	100.0	35804	4	US-09-949-016-11862
C 3	19.4	84.3	173787	4	US-09-949-016-12542
C 4	19.4	84.3	173791	4	US-09-949-016-17302
C 5	18.2	79.1	601	4	US-09-949-016-17936
C 6	18.2	79.1	68452	4	US-09-949-016-17936
C 7	18.2	79.1	101356	4	US-09-949-016-17936
C 8	18.2	79.1	101357	4	US-09-949-016-17936
C 9	18.2	79.1	177797	4	US-09-949-016-17936
C 10	18.2	79.1	227979	4	US-09-949-016-17936
C 11	18.2	79.1	260247	4	US-09-949-016-17936
C 12	18.2	79.1	325791	4	US-09-949-016-17936
C 13	17.4	75.7	77036	4	US-09-949-016-17936
C 14	17.4	75.7	101558	4	US-09-949-016-17936
C 15	17.2	74.8	284	4	US-09-513-999C-23292
C 16	17.2	74.8	601	4	US-09-949-016-17936
C 17	17.2	74.8	601	4	US-09-949-016-17936
C 18	17.2	74.8	14485	4	US-09-876-216-3
C 19	17.2	74.8	17629	4	US-09-949-016-17936
C 20	17.2	74.8	32798	4	US-09-949-016-17936
C 21	17.2	74.8	129327	4	US-09-949-016-17936
C 22	17.2	74.8	129327	4	US-09-949-016-17936
C 23	17.2	74.8	129327	4	US-09-949-016-17936
C 24	17	73.9	601	4	US-09-949-016-154331
C 25	17	73.9	212139	4	US-09-949-016-154331
C 26	16.8	73.0	123	4	US-09-513-999C-26075
C 27	16.8	73.0	601	4	US-09-949-016-89411

C 28	16.8	73.0	601	4	US-09-949-016-89486	Sequence 89486, A
C 29	16.8	73.0	601	4	US-09-949-016-89561	Sequence 89561, A
C 30	16.8	73.0	601	4	US-09-949-016-92025	Sequence 92025, A
C 31	16.8	73.0	601	4	US-09-949-016-93487	Sequence 93487, A
C 32	16.8	73.0	601	4	US-09-949-016-93502	Sequence 93502, A
C 33	16.8	73.0	1799	4	US-08-956-171E-447	Sequence 447, App
C 34	16.8	73.0	1799	4	US-08-781-986A-447	Sequence 447, App
C 35	16.8	73.0	19628	4	US-09-949-016-16825	Sequence 16825, A
C 36	16.8	73.0	34172	4	US-09-949-016-14432	Sequence 14432, A
C 37	16.8	73.0	40641	4	US-09-949-016-13376	Sequence 13376, A
C 38	16.8	73.0	42917	4	US-09-949-016-13795	Sequence 13795, A
C 39	16.8	73.0	47181	4	US-09-949-016-16131	Sequence 16131, A
C 40	16.8	73.0	47181	4	US-09-949-016-16132	Sequence 16132, A
C 41	16.8	73.0	47181	4	US-09-949-016-16133	Sequence 16133, A
C 42	16.8	73.0	55130	4	US-09-949-016-11850	Sequence 11850, A
C 43	16.8	73.0	64049	4	US-09-949-016-15744	Sequence 15744, A
C 44	16.8	73.0	77535	4	US-09-949-016-14279	Sequence 14279, A
C 45	16.8	73.0	77535	4	US-09-949-016-14280	Sequence 14280, A
C 46	16.8	73.0	77535	4	US-09-949-016-14281	Sequence 14281, A
C 47	16.8	73.0	99500	3	US-09-798-096-10	Sequence 10, Appl
C 48	16.8	73.0	103934	4	US-09-949-016-14433	Sequence 14433, A
C 49	16.8	73.0	151256	4	US-09-949-016-12674	Sequence 12674, A
C 50	16.8	73.0	151261	4	US-09-949-016-13242	Sequence 13242, A
C 51	16.8	73.0	246230	4	US-09-949-016-17019	Sequence 17019, A
C 52	16.8	73.0	246230	4	US-09-949-016-17020	Sequence 17020, A
C 53	16.8	73.0	246230	4	US-09-949-016-17021	Sequence 17021, A
C 54	16.8	73.0	246230	4	US-09-949-016-17022	Sequence 17022, A
C 55	16.8	73.0	254405	4	US-09-949-016-14381	Sequence 14381, A
C 56	16.8	72.2	601	4	US-09-949-016-21573	Sequence 21573, A
C 57	16.8	72.2	601	4	US-09-949-016-96157	Sequence 96157, A
C 58	16.8	72.2	601	4	US-09-949-016-96158	Sequence 96158, A
C 59	16.8	72.2	601	4	US-09-949-016-96159	Sequence 96159, A
C 60	16.8	72.2	601	4	US-09-949-016-96160	Sequence 96160, A
C 61	16.8	72.2	601	4	US-09-949-016-130325	Sequence 130325, A
C 62	16.8	72.2	601	4	US-09-949-016-201113	Sequence 201113, A
C 63	16.8	72.2	1818	4	US-09-300-958A-19	Sequence 19, Appl
C 64	16.8	72.2	23106	4	US-09-863-049B-1	Sequence 1, Appl
C 65	16.8	72.2	23669	4	US-09-949-016-15296	Sequence 15296, A
C 66	16.8	72.2	23672	4	US-09-949-016-12575	Sequence 12575, A
C 67	16.8	72.2	23672	4	US-09-949-016-14941	Sequence 14941, A
C 68	16.8	72.2	27916	4	US-09-949-016-15202	Sequence 15202, A
C 69	16.8	72.2	34088	4	US-09-949-016-14449	Sequence 14449, A
C 70	16.8	72.2	38969	4	US-09-949-016-14051	Sequence 14051, A
C 71	16.8	72.2	61777	4	US-09-949-016-17278	Sequence 17278, A
C 72	16.8	72.2	64319	4	US-09-949-016-12804	Sequence 12804, A
C 73	16.8	72.2	74644	4	US-09-949-016-17556	Sequence 17556, A
C 74	16.8	72.2	89716	4	US-09-949-016-11900	Sequence 11900, A
C 75	16.8	72.2	92227	4	US-09-949-016-11929	Sequence 11929, A
C 76	16.8	72.2	92232	4	US-09-949-016-15421	Sequence 15421, A
C 77	16.8	72.2	99960	4	US-09-762-311-2	Sequence 2, Appl
C 78	16.8	72.2	134890	4	US-09-949-016-15602	Sequence 15602, A
C 79	16.8	72.2	138632	4	US-09-949-016-12781	Sequence 12781, A
C 80	16.8	72.2	138637	4	US-09-949-016-17393	Sequence 17393, A
C 81	16.8	72.2	387902	4	US-09-949-016-14543	Sequence 14543, A
C 82	16.8	72.2	421883	4	US-09-949-016-12557	Sequence 12557, A
C 83	16.4	71.3	601	4	US-09-949-016-92293	Sequence 92293, A
C 84	16.4	71.3	601	4	US-09-949-016-177705	Sequence 92294, A
C 85	16.4	71.3	601	4	US-09-949-016-177706	Sequence 177705, A
C 86	16.4	71.3	601	4	US-09-949-016-177706	Sequence 177706, A
C 87	16.4	71.3	753	4	US-09-543-681A-1664	Sequence 1664, Ap
C 88	16.4	71.3	5028	4	US-09-540-236-74	Sequence 74, Appl
C 89	16.4	71.3	73818	4	US-09-949-016-16822	Sequence 16822, A
C 90	16.4	71.3	89047	4	US-09-596-002-34	Sequence 34, Appl
C 91	16.4	71.3	132956	4	US-09-949-016-14382	Sequence 14382, A
C 92	16.4	71.3	132956	4	US-09-949-016-14577	Sequence 14577, A
C 93	16.4	71.3	678533	4	US-09-949-016-14578	Sequence 14578, A
C 94	16.2	70.4	412	4	US-09-300-958A-18	Sequence 18, Appl
C 95	16.2	70.4	429	3	US-09-144-367-7	Sequence 7, Appl
C 96	16.2	70.4	601	4	US-09-949-016-42453	Sequence 42453, A
C 97	16.2	70.4	601	4	US-09-949-016-62041	Sequence 62041, A
C 98	16.2	70.4	601	4	US-09-949-016-93497	Sequence 93497, A
C 99	16.2	70.4	601	4	US-09-949-016-117115	Sequence 117115, A
C 100	16.2	70.4	601	4	US-09-949-016-140774	Sequence 140774, A

ALIGNMENTS

RESULT 1
US-09-949-016-11863/c
; Sequence 11863, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11863
; LENGTH: 35803
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-11863

Query Match 100.0%; Score 23; DB 4; Length 35803;
Best Local Similarity 100.0%; Pred. No. 0.43;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGGAAATTGTACCTTTTAAGTGA 23
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Db 16924 TGGAAATTGTACCTTTTAAGTGA 16902

RESULT 2
US-09-949-016-12962/c
; Sequence 12962, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12962
; LENGTH: 35804
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-12962

Query Match 100.0%; Score 23; DB 4; Length 35804;
Best Local Similarity 100.0%; Pred. No. 0.43;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGGAAATTGTACCTTTTAAGTGA 23
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Db 16924 TGGAAATTGTACCTTTTAAGTGA 16902

RESULT 3

US-09-949-016-12542/c
; Sequence 12542, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12542
; LENGTH: 173787
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-12542

Query Match 84.3%; Score 19.4; DB 4; Length 173787;
Best Local Similarity 95.2%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 127952 GAATTGAACCTTTTAAGTGA 127932

RESULT 4

US-09-949-016-17302/c
; Sequence 17302, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17302
; LENGTH: 173791
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-17302

Query Match 84.3%; Score 19.4; DB 4; Length 173791;
Best Local Similarity 95.2%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 GAATTGTACCTTTTAAGTGA 23
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Db 127952 GAATTGAACCTTTTAAGTGA 127932

RESULT 5

US-09-949-016-179936/c
; Sequence 179936, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 19:10:46 ; Search time 316.015 Seconds
(without alignments)
486.627 Million cell updates/sec

Title: US-09-974-619E-32

Perfect score: 23

Sequence: 1 tggaaatgtaccttttaagtga 23

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 7400704 seqs, 3343079526 residues

Total number of hits satisfying chosen parameters: 14801408

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	20	87.0	14611	19	Sequence 660, App
4	20	87.0	14611	21	Sequence 5779, Ap
5	20	87.0	67088	19	Sequence 18007, A
6	20	87.0	67088	21	Sequence 5704, Ap
7	19	82.6	25	22	Sequence 17804, A
					Sequence 51436, A

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c	14	18.8	81.7	660	20	US-10-363-345A-9310	Sequence 9310, Ap
c	15	18.8	81.7	660	21	US-10-363-483A-9309	Sequence 9309, Ap
c	16	18.8	81.7	660	21	US-10-363-483A-9310	Sequence 9310, Ap
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c	19	18.8	81.7	162025	9	US-09-834-700-13	Sequence 13, Appl
c	20	18.8	81.7	162025	9	US-09-834-700-14	Sequence 14, Appl
c	21	18.8	81.7	162025	9	US-09-834-700-17	Sequence 17, Appl
c	22	18.8	81.7	162025	9	US-09-834-700-18	Sequence 18, Appl
c	23	18.8	81.7	162025	16	US-10-272-665-35	Sequence 35, Appl
c	24	18.8	81.7	162025	16	US-10-272-665-36	Sequence 36, Appl
c	25	18.8	81.7	162025	16	US-10-273-321-35	Sequence 35, Appl
c	26	18.8	81.7	162025	16	US-10-273-321-36	Sequence 36, Appl
c	27	18.8	81.7	162025	16	US-10-272-756-35	Sequence 35, Appl
c	28	18.8	81.7	162025	16	US-10-272-756-36	Sequence 36, Appl
c	29	18.8	81.7	162025	17	US-10-273-228-35	Sequence 35, Appl
c	30	18.8	81.7	162025	17	US-10-273-228-36	Sequence 36, Appl
c	31	18.8	81.7	333811	21	US-10-741-600-17681	Sequence 17681, A
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c	33	18.4	80.0	19696	14	US-10-091-572-874	Sequence 16388, A
c	34	18.2	79.1	586	9	US-09-864-761-16388	Sequence 140051,
c	35	18.2	79.1	711	17	US-10-027-632-140051	Sequence 140051,
c	36	18.2	79.1	808	13	US-10-027-632-140051	Sequence 140051,
c	37	18.2	79.1	808	17	US-10-027-632-140051	Sequence 140051,
c	38	18.2	79.1	14950	22	US-10-311-455-1229	Sequence 1229, Ap
c	39	18.2	79.1	89060	25	US-10-737-082-52	Sequence 52, Appl
c	40	18.2	79.1	89060	22	US-10-765-790-52	Sequence 52, Appl
c	41	18.2	79.1	113000	16	US-10-376-566-16	Sequence 16, Appl
c	42	18.2	79.1	170834	9	US-09-835-232-7	Sequence 7, Appl
c	43	18.2	79.1	170834	16	US-10-308-485-7	Sequence 7, Appl
c	44	18.2	79.1	277616	19	US-10-367-094-83	Sequence 83, Appl
c	45	18.2	79.1	325791	11	US-09-768-185A-1	Sequence 1, Appl
c	46	18.2	79.1	400660	19	US-10-388-838-68	Sequence 68, Appl
c	47	18.2	79.1	403035	19	US-10-741-601-5729	Sequence 5729, Ap
c	48	17.8	77.4	494	13	US-10-027-632-179695	Sequence 179695,
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c	51	17.4	75.7	25	22	US-10-843-527-49968	Sequence 49968, A
c	52	17.4	75.7	25	22	US-10-843-527-49972	Sequence 49972, A
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c	57	17.4	75.7	25	22	US-10-843-527-51435	Sequence 51435, A
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c	63	17.4	75.7	25	22	US-10-843-527-187229	Sequence 187229,
c	64	17.4	75.7	25	22	US-10-843-527-187717	Sequence 187717,
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c	66	17.4	75.7	25	22	US-10-843-527-187720	Sequence 187720,
c	67	17.4	75.7	25	22	US-10-843-527-188205	Sequence 188205,
c	68	17.4	75.7	25	22	US-10-843-527-188209	Sequence 188209,
c	69	17.4	75.7	2680	17	US-10-074-024-688	Sequence 688, App
c	70	17.4	75.7	5532	17	US-10-074-024-689	Sequence 689, App
c	71	17.4	75.7	7166	17	US-10-074-024-690	Sequence 690, App
c	72	17.2	74.8	365	9	US-09-783-590-10938	Sequence 10938, A
c	73	17.2	74.8	384	19	US-10-437-963-15337	Sequence 15337, A
c	74	17.2	74.8	405	20	US-10-425-115-33288	Sequence 33288, A
c	75	17.2	74.8	431	17	US-10-242-535A-25806	Sequence 25806, A
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c	77	17.2	74.8	472	13	US-10-027-632-57047	Sequence 57047, A
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c	80	17.2	74.8	493	13	US-10-027-632-4331	Sequence 4331, Ap

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C 82 17.2 74.8 628 20 US-10-425-115-128744 Sequence 128744,
C 83 17.2 74.8 662 13 US-10-027-632-275290 Sequence 275290,
C 84 17.2 74.8 662 17 US-10-027-632-275290 Sequence 275290,
C 85 17.2 74.8 2157 19 US-10-437-963-25185 Sequence 25185, A
C 86 17.2 74.8 2395 13 US-10-027-632-257202 Sequence 257202,
C 87 17.2 74.8 2395 17 US-10-027-632-257202 Sequence 257202,
C 88 17.2 74.8 3696 19 US-10-437-963-430 Sequence 430, App
C 89 17.2 74.8 5196 9 US-09-764-877-2566 Sequence 2566, Ap
C 90 17.2 74.8 5196 21 US-10-242-515-2566 Sequence 2566, Ap
C 91 17.2 74.8 6346 21 US-10-764-420-2289 Sequence 2289, Ap
C 92 17.2 74.8 11812 14 US-10-239-676-209 Sequence 209, App
C 93 17.2 74.8 11812 15 US-10-311-455-2091 Sequence 2091, App
C 94 17.2 74.8 11812 15 US-10-240-453-305 Sequence 305, App
C 95 17.2 74.8 11812 18 US-10-221-714A-467 Sequence 467, App
C 96 17.2 74.8 12781 18 US-10-221-714A-107 Sequence 107, App
C 97 17.2 74.8 12781 18 US-10-240-589C-37 Sequence 37, Appli
C 98 17.2 74.8 14485 9 US-09-876-216-3 Sequence 3, Appli
C 99 17.2 74.8 14485 15 US-10-359-076-3 Sequence 3, Appli
C 100 17.2 74.8 14485 24 US-11-023-805-3

ALIGNMENTS

RESULT 1
US-09-974-619B-32
; Sequence 32, Application US/09974619B
; Publication No. US2003014537A1
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Jiong
; APPLICANT: Assem, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; TITLE OF INVENTION: Phenotype
; FILE REFERENCE: 44158/244344
; CURRENT APPLICATION NUMBER: US/09/974,619B
; PRIOR FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-974-619B-32

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Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 TGGAAATTGACCTTTTAAGTGGGA 23

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; Sequence 660, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A
; FILE REFERENCE: F2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; PRIOR FILING DATE: 2004-01-22
; PRIOR FILING DATE: 2002-07-23
; PRIOR FILING DATE: 2001-07-23

; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 660
; LENGTH: 177531
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-660

Query Match 100.0%; Score 23; DB 21; Length 177531;
Best Local Similarity 100.0%; Pred. No. 5.3;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Sequence 5779, Application US/10741601
; Publication No. US20040186519A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CL001500
; CURRENT APPLICATION NUMBER: US/10/741,601
; CURRENT FILING DATE: 2003-12-22
; NUMBER OF SEQ ID NOS: 26415
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5779
; LENGTH: 14611
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-741-601-5779

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Sequence 18007, Application US/10741600
; Publication No. US20050026169A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CL001499
; CURRENT APPLICATION NUMBER: US/10/741,600
; CURRENT FILING DATE: 2003-12-22
; NUMBER OF SEQ ID NOS: 73997
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18007
; LENGTH: 14611
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-741-600-18007

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Best Local Similarity 100.0%; Pred. No. 85;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGGAAATTGACCTTTTAAGT 20
|||||
Db 8708 TGGAAATTGACCTTTTAAGT 8689

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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 16:40:29 ; Search time 48.7755 Seconds
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670.942 Million cell updates/sec

Title: US-09-974-619E-31

Perfect score: 20
Sequence: 1 tatgactgggtctcttgacc 20

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Gapop 10.0 , Gapext 1.0

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Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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5	16.4	82.0	139150	4	US-09-949-016-17398
6	16.4	82.0	139577	4	US-09-949-016-12879
7	15.8	79.0	448	4	US-09-513-999C-276
8	15.8	79.0	12097	4	US-09-949-016-14494
9	15.8	79.0	231129	4	US-09-949-016-16110
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15	15.4	77.0	601	4	US-09-949-016-188272
16	15.4	77.0	601	4	US-09-949-016-188273
17	15.4	77.0	601	4	US-09-949-016-188274
18	15.4	77.0	1375	4	US-09-489-847-120
19	15.4	77.0	1376	4	US-09-489-847-66
20	15.4	77.0	2310	4	US-09-620-312D-206
21	15.4	77.0	7353	4	US-09-949-016-14895
22	15.4	77.0	8186	4	US-10-029-517-19
23	15.4	77.0	9649	4	US-09-949-016-15672
24	15.4	77.0	46745	4	US-09-949-016-13964
25	15.4	77.0	76118	4	US-09-949-016-15593
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US-09-949-016-12766

ALIGNMENTS

RESULT 1

US-09-949-016-11863
; Sequence 11863, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11863
; LENGTH: 35803
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-11863

Query Match 100.0%; Score 20; DB 4; Length 35803;
Best Local Similarity 100.0%; Pred. No. 1.5; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 1 TATGACTGGGCTCCTTGACC 20

Db 16416 TATGACTGGGCTCCTTGACC 16435

RESULT 2

US-09-949-016-12962
; Sequence 12962, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12962
; LENGTH: 35804
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-12962

Query Match 100.0%; Score 20; DB 4; Length 35804;
Best Local Similarity 100.0%; Pred. No. 1.5; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 1 TATGACTGGGCTCCTTGACC 20

Db 16416 TATGACTGGGCTCCTTGACC 16435

RESULT 3

US-09-949-016-14432
; Sequence 14432, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14432
; LENGTH: 34172
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-14432

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Best Local Similarity 95.0%; Pred. No. 10; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1;

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Db 21035 TATGACTAGGCTCCTTGACC 21054

RESULT 4

US-09-949-016-14433
; Sequence 14433, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14433
; LENGTH: 103934
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(103934)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14433

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Matches 19; Conservative 0; Mismatches 1;

Qy 1 TATGACTGGGCTCCTTGACC 20

Db 70435 TATGACTAGGCTCCTTGACC 70454

RESULT 5

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 19:10:46 ; Search time 274.796 Seconds
(without alignments)
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Title: US-09-974-619E-31

Perfect score: 20

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Scoring table: IDENTITY_NUC

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Searched: 7400704 seqs, 3343079526 residues

Total number of hits satisfying chosen parameters: 14801408

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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- 26: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	16.8	84.0	99973	17	US-10-085-117-109
4	16.4	82.0	753	13	US-10-027-632-27477
5	16.4	82.0	753	17	US-10-027-632-27477
6	16.4	82.0	519599	22	US-10-737-082-73
7	16.4	82.0	519599	22	US-10-765-790-73

Sequence 146032,	US-10-027-632-146032	13	761	80.0	16	8
Sequence 146032,	US-10-027-632-146032	17	761	80.0	16	9
Sequence 676399,	US-10-719-900-676399	25	21	79.0	15.8	10
Sequence 53568, A	US-10-357-930-53568	235	20	79.0	15.8	c 11
Sequence 69998, A	US-10-437-963-69998	464	19	79.0	15.8	c 12
Sequence 439, App	US-10-029-386-439	590	16	79.0	15.8	c 13
Sequence 29468, A	US-10-767-701-29468	618	19	79.0	15.8	c 14
Sequence 260716,	US-10-027-632-260716	636	13	79.0	15.8	c 15
Sequence 260716,	US-10-027-632-260716	636	17	79.0	15.8	c 16
Sequence 318, App	US-10-911-704-318	641	21	79.0	15.8	c 17
Sequence 25174, A	US-10-027-632-25174	678	17	79.0	15.8	c 18
Sequence 25174, A	US-10-027-632-25174	678	17	79.0	15.8	c 19
Sequence 150240,	US-10-027-632-150240	725	13	79.0	15.8	c 20
Sequence 150241,	US-10-027-632-150241	725	13	79.0	15.8	c 21
Sequence 150241,	US-10-027-632-150241	725	13	79.0	15.8	c 22
Sequence 150241,	US-10-027-632-150241	725	17	79.0	15.8	c 23
Sequence 543, App	US-10-259-165-543	981	15	79.0	15.8	c 24
Sequence 119442,	US-10-027-632-119442	1046	13	79.0	15.8	c 25
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Sequence 119443,	US-10-027-632-119443	1046	17	79.0	15.8	c 28
Sequence 24829, A	US-10-027-632-119443	1046	17	79.0	15.8	c 29
Sequence 20, Appl	US-10-369-493-24829	1662	17	79.0	15.8	c 30
Sequence 67753, A	US-10-471-449-20	1849	18	79.0	15.8	c 31
Sequence 34111, A	US-10-425-115-67753	1987	20	79.0	15.8	c 32
Sequence 1, Appl	US-10-425-114-34111	1992	18	79.0	15.8	c 33
Sequence 1, Appl	US-10-310-612-1	2448	19	79.0	15.8	c 34
Sequence 24379, A	US-10-328-538-1	2448	19	79.0	15.8	c 35
Sequence 1, Appl	US-10-369-493-25379	4590	17	79.0	15.8	c 36
Sequence 1, Appl	US-10-028-374-1	4931	15	79.0	15.8	c 37
Sequence 1, Appl	US-10-183-770-1	4931	16	79.0	15.8	c 38
Sequence 1, Appl	US-11-107-572-1	4931	24	79.0	15.8	c 39
Sequence 2167, Ap	US-10-152-319A-2167	8221	18	79.0	15.8	c 40
Sequence 250, App	US-10-764-420-250	8269	21	79.0	15.8	c 41
Sequence 265, App	US-10-322-281-265	77530	19	79.0	15.8	c 42
Sequence 9316, Ap	US-09-908-975-9316	60	10	77.0	15.4	c 43
Sequence 22105, A	US-09-864-761-22105	151	9	77.0	15.4	c 44
Sequence 4872, Ap	US-09-960-352-4872	387	9	77.0	15.4	c 45
Sequence 338, App	US-10-170-097-338	447	17	77.0	15.4	c 46
Sequence 338, App	US-10-926-684-338	447	21	77.0	15.4	c 47
Sequence 5311, Ap	US-09-864-761-5311	478	9	77.0	15.4	c 48
Sequence 91565, A	US-10-972-079-91565	600	22	77.0	15.4	c 49
Sequence 91566, A	US-10-972-079-91566	600	22	77.0	15.4	c 50
Sequence 266447,	US-10-027-632-206447	624	17	77.0	15.4	c 51
Sequence 21709,	US-10-027-632-206447	624	17	77.0	15.4	c 52
Sequence 221709,	US-10-027-632-221709	637	13	77.0	15.4	c 53
Sequence 102792,	US-10-027-632-221709	637	17	77.0	15.4	c 54
Sequence 102792,	US-10-027-632-102792	720	13	77.0	15.4	c 55
Sequence 102792,	US-10-027-632-102792	720	13	77.0	15.4	c 56
Sequence 3845, A	US-10-027-632-32845	743	13	77.0	15.4	c 57
Sequence 3846, A	US-10-027-632-32846	743	13	77.0	15.4	c 58
Sequence 3845, A	US-10-027-632-32845	743	17	77.0	15.4	c 59
Sequence 3846, A	US-10-027-632-32846	743	17	77.0	15.4	c 60
Sequence 143905,	US-10-027-632-143905	876	13	77.0	15.4	c 61
Sequence 143905,	US-10-027-632-143905	876	13	77.0	15.4	c 62
Sequence 143905,	US-10-027-632-143905	876	17	77.0	15.4	c 63
Sequence 8159, Ap	US-10-027-632-8159	884	13	77.0	15.4	c 64
Sequence 8159, Ap	US-10-027-632-8159	884	13	77.0	15.4	c 65
Sequence 8159, Ap	US-10-027-632-8159	884	17	77.0	15.4	c 66
Sequence 8160, Ap	US-10-027-632-8160	884	17	77.0	15.4	c 67
Sequence 9369, Ap	US-10-767-701-9369	1052	19	77.0	15.4	c 68
Sequence 25, Appl	US-10-181-108-25	1269	24	77.0	15.4	c 69
Sequence 19, Appl	US-11-079-743-25	1269	24	77.0	15.4	c 70
Sequence 115, App	US-10-296-606-115	1309	17	77.0	15.4	c 71
Sequence 120, App	US-10-153-668-115	1352	14	77.0	15.4	c 72
Sequence 66, Appl	US-10-351-334-120	1375	18	77.0	15.4	c 73
Sequence 21097, A	US-10-425-114-21097	1376	18	77.0	15.4	c 74
Sequence 206, App	US-10-037-270-206	1657	18	77.0	15.4	c 75
Sequence 206, App	US-10-117-722-206	2310	15	77.0	15.4	c 76
Sequence 275, App	US-10-092-900A-275	3044	18	77.0	15.4	c 77
Sequence 277, App	US-10-092-900A-277	3231	18	77.0	15.4	c 78
Sequence 273, App	US-10-092-900A-273	3231	18	77.0	15.4	c 79
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c 81 15.4 77.0 3372 22 US-10-450-763-26201 Sequence 26201, A
c 82 15.4 77.0 3420 10 US-09-971-490-6 Sequence 6, Appl
c 83 15.4 77.0 3420 20 US-10-193-452-79 Sequence 79, Appl
c 84 15.4 77.0 3624 21 US-10-356-157-2331 Sequence 2331, Ap
c 85 15.4 77.0 4577 18 US-10-363-937-27 Sequence 27, Appl
c 86 15.4 77.0 4873 10 US-09-971-490-4 Sequence 4, Appl
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c 88 15.4 77.0 5574 11 US-09-989-890-26 Sequence 26, Appl
c 89 15.4 77.0 8181 11 US-09-951-938-18 Sequence 18, Appl
c 90 15.4 77.0 8181 17 US-10-447-839A-18 Sequence 18, Appl
c 91 15.4 77.0 8181 21 US-10-778-859-18 Sequence 18, Appl
c 92 15.4 77.0 8186 15 US-10-029-517-19 Sequence 19, Appl
c 93 15.4 77.0 8186 21 US-10-696-639-21 Sequence 21, Appl
c 94 15.4 77.0 24492 13 US-10-087-192-850 Sequence 850, App
c 95 15.4 77.0 28693 21 US-10-741-600-17761 Sequence 17761, A
c 96 15.4 77.0 80420 19 US-10-322-281-42 Sequence 42, Appl
c 97 15.4 77.0 92117 13 US-10-087-192-1348 Sequence 1348, Ap
c 98 15.4 77.0 150501 22 US-10-981-277-46 Sequence 46, Appl
c 99 15.4 77.0 159650 22 US-10-981-277-47 Sequence 47, Appl
c 100 15.4 77.0 319608 17 US-10-147-603-1 GENERAL INFORMATI

ALIGNMENTS

RESULT 1
US-09-974-619B-31
; Sequence 31, Application US/09974619B
; Publication No. US20030143537A1
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Joing
; APPLICANT: Assem, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; FILE REFERENCE: 44158/244344
; CURRENT APPLICATION NUMBER: US/09/974,619B
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-974-619B-31
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Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TATGACTGGGCTCCTTGACC 20
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Db 1 TATGACTGGGCTCCTTGACC 20
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US-10-484-577-660
; Sequence 660, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A
; FILE REFERENCE: F2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23

; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 660
; LENGTH: 177531
; TYPE: DNA
; ORGANISM: Homo sapiens
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Best Local Similarity 100.0%; Pred. No. 2.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; Sequence 109, Application US/10085117
; Publication No. US20030232334A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: S29452000121
; CURRENT APPLICATION NUMBER: US/10/085,117
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 09/798,586
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; Sequence 27477, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363

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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 16:40:29 ; Search time 48.7755 Seconds
(without alignments)
670.942 Million cell updates/sec

Title: US-09-974-619E-30

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Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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6	20	100.0	1707	4	US-09-023-655-1405
7	18.4	92.0	433	3	US-09-144-367-5
8	18.4	92.0	1512	4	US-08-277-031B-4
9	18.4	92.0	2059	4	US-09-023-655-1405
10	18.4	92.0	2079	4	US-09-023-655-1405
11	18.4	92.0	2759	3	US-09-144-367-1
12	18.4	92.0	2768	4	US-09-023-655-1405
13	18.4	92.0	31197	4	US-09-023-655-1405
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18	17.4	87.0	1001	4	US-09-023-655-1405
19	16.8	84.0	3379	4	US-09-023-655-1405
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c 98	15.2	76.0	1329	4	US-09-808-701A-5	Sequence 5, Appl
c 99	15.2	76.0	1614	4	US-09-543-681A-557	Sequence 557, Appl
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ALIGNMENTS

RESULT 1
US-09-023-655-1405
; Sequence 1405, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1405:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1599 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: 9438625
; US-09-023-655-1405

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Best Local Similarity 100.0%; Pred. No. 2.2;
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Db 700 GGTCAATTGCTGCTCCAACC 719

RESULT 2
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; Sequence 1060, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1060:
; SEQUENCE CHARACTERISTICS:
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g181345
; US-09-023-655-1060

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RESULT 3
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; Sequence 121, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 1707
; TYPE: DNA
; ORGANISM: Human
; US-09-949-016-121

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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10	18.4	92.0	404	9	US-09-960-352-3267	Sequence 3267, Ap
11	18.4	92.0	410	9	US-09-960-352-3955	Sequence 3955, Ap
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34	17.4	87.0	1971	10	US-09-873-367C-651	Sequence 651, App
35	17.4	87.0	1971	10	US-10-843-641A-651	Sequence 3211, Ap
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43	16.8	84.0	3378	22	US-10-975-523-48	Sequence 12, Appl
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48	16.8	84.0	3406	10	US-09-873-319-292	Sequence 4816, Ap
49	16.8	84.0	3406	21	US-10-843-641A-4816	Sequence 152, App
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51	16.8	84.0	3445	15	US-10-084-817-309	Sequence 324, App
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Sequence 6651, Ap 16 80.0 1754382 22 US-10-501-282-6651
Sequence 122936, 16 80.0 1754382 22 US-10-501-282-6651
Sequence 154266, 16 80.0 1754382 22 US-10-501-282-6651
Sequence 384, App 16 80.0 1754382 22 US-10-501-282-6651
Sequence 77, Appl 16 80.0 1754382 22 US-10-501-282-6651
Sequence 321, Appl 16 80.0 1754382 22 US-10-501-282-6651
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Sequence 116899, 16 80.0 1754382 22 US-10-501-282-6651

ALIGNMENTS

RESULT 1
US-09-974-619B-30
; Sequence 30, Application US/09974619B
; Publication No. US20030143537A1
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Joing
; APPLICANT: Assem, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; FILE REFERENCE: 44158/244344
; CURRENT APPLICATION NUMBER: US/09/974,619B
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 2002-04-30
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-974-619B-30

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Best Local Similarity 100.0%; Pred. No. 3.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGTCATTGCTGCTCCAACC 20
Db 1 GGTCATTGCTGCTCCAACC 20

RESULT 2
US-09-880-107-3816
; Sequence 3816, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; CURRENT FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379

; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3816
; LENGTH: 1525
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 X90579
US-09-880-107-3816

Query Match 100.0%; Score 20; DB 9; Length 1525;
Best Local Similarity 100.0%; Pred. No. 4.6;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GGTCATTGCTGCTCCAACC 20
Db 599 GGTCATTGCTGCTCCAACC 618

RESULT 3

US-10-641-643-1405
; Sequence 1405, Application US/10641643
; Publication No. US20040077003A1
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESS: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/641,643
; FILING DATE: 14-Aug-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1405:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1599 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: G438625
; SEQUENCE DESCRIPTION: SEQ ID NO: 1405 :
US-10-641-643-1405
Query Match 100.0%; Score 20; DB 18; Length 1599;
Best Local Similarity 100.0%; Pred. No. 4.7;

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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 16:40:29 ; Search time 53.6531 Seconds
(without alignments)
670.942 Million cell updates/sec

Title: US-09-974-619E-27

Perfect score: 22

Sequence: 1 catttttccactagctgttc 22

Scoring table: IDENTITY NUC

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Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

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4	22	100.0	1707	4	US-09-023-655-1060
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7	22	100.0	35803	4	US-09-949-016-11863
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10	21	95.5	2059	4	US-09-023-655-1062
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12	21	95.5	2080	4	US-09-949-016-2690
13	21	95.5	2759	3	US-09-144-367-1
14	21	95.5	2768	4	US-09-949-016-1221
15	21	95.5	31197	4	US-09-949-016-12963
16	21	95.5	34172	4	US-09-949-016-14432
17	21	95.5	103934	4	US-09-949-016-14433
18	19.4	88.2	1349	4	US-09-583-447A-5
19	19.4	88.2	1515	4	US-09-583-447A-3
20	19.4	88.2	1633	4	US-09-583-447A-7
21	19.4	88.2	1659	4	US-09-583-447A-1
22	17.8	80.9	500	3	US-09-007-119-6
23	17.8	80.9	601	4	US-09-949-016-70248
24	17.8	80.9	16547	4	US-09-949-016-13810
25	17.2	78.2	3192	4	US-09-788-654A-1
26	17.2	78.2	12118	4	US-09-788-654A-3
27	17.2	78.2	524032	4	US-09-949-016-16928

ALIGNMENTS

RESULT 1
US-09-949-016-20241
; Sequence 20241, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20241
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-20241

Query Match 100.0%; Score 22; DB 4; Length 601;
Best Local Similarity 100.0%; Pred. No. 0.34; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0;
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Db 432 CATTCTTTCACTAGCACTGTTTC 453

RESULT 2
US-09-949-016-42447
; Sequence 42447, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42447
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-42447

Query Match 100.0%; Score 22; DB 4; Length 601;
Best Local Similarity 100.0%; Pred. No. 0.34; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0;
Qy 1 CATTCTTTCACTAGCACTGTTTC 22
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Db 432 CATTCTTTCACTAGCACTGTTTC 453

RESULT 3
US-09-023-655-1405/c
; Sequence 1405, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1405:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1599 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: 9438625
US-09-023-655-1405

Query Match 100.0%; Score 22; DB 4; Length 1599;
Best Local Similarity 100.0%; Pred. No. 0.39; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0;
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Db 496 CATTCTTTCACTAGCACTGTTTC 475

RESULT 4
US-09-023-655-1060/c
; Sequence 1060, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 19:10:46 ; Search time 302.276 Seconds
(without alignments)
486.627 Million cell updates/sec

Title: US-09-974-619E-27

Perfect score: 22

Sequence: 1 cattttcactagcactgttc 22

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Post-processing: Minimum Match 0%

Maximum Match 100%

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23: /cgn2_6/ptodata/1/pubpna/US11A_PUBCOMB.seq.*
24: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq.*
25: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
26: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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3	22	100.0	1599	18	US-10-641-643-1405
4	22	100.0	1707	9	US-09-880-107-2114
5	22	100.0	1707	18	US-10-641-643-1060
6	22	100.0	5799	22	US-10-450-763-14240
7	22	100.0	5799	22	US-10-450-763-15174

C 8	22	100.0	6637	22	US-10-450-763-6846	Sequence 6846, Ap
C 9	22	100.0	177531	21	US-10-484-577-660	Sequence 660, App
C 10	21	95.5	1458	20	US-10-690-991-1	Sequence 1, Appli
C 11	21	95.5	1458	21	US-10-833-296-1	Sequence 1, Appli
C 12	21	95.5	1458	22	US-10-516-338-7	Sequence 7, Appli
C 13	21	95.5	1458	24	US-11-076-967-1	Sequence 1, Appli
C 14	21	95.5	1512	17	US-10-313-963A-55	Sequence 55, Appli
C 15	21	95.5	1595	15	US-10-106-698-1724	Sequence 184, App
C 16	21	95.5	1608	20	US-10-335-053-301	Sequence 301, App
C 17	21	95.5	1971	9	US-09-954-456-184	Sequence 184, App
C 18	21	95.5	1971	9	US-09-880-107-1589	Sequence 1589, Ap
C 19	21	95.5	1971	9	US-09-957-997-2	Sequence 2, Appli
C 20	21	95.5	1971	10	US-09-873-367C-651	Sequence 651, App
C 21	21	95.5	1971	21	US-10-843-641A-651	Sequence 651, App
C 22	21	95.5	2059	18	US-10-843-641A-3211	Sequence 3211, Ap
C 23	21	95.5	2059	18	US-10-641-643-1062	Sequence 1062, Ap
C 24	21	95.5	2759	14	US-10-146-575-1	Sequence 1, Appli
C 25	21	95.5	2768	16	US-10-268-822-14	Sequence 14, Appli
C 26	21	95.5	2768	17	US-10-388-360-297	Sequence 297, App
C 27	21	95.5	2768	17	US-10-388-360-363	Sequence 363, App
C 28	21	95.5	2849	9	US-09-880-107-2110	Sequence 2110, Ap
C 29	21	95.5	96960	21	US-10-484-577-662	Sequence 662, App
C 30	19.4	88.2	100	16	US-10-029-386-19632	Sequence 19632, A
C 31	19.4	88.2	215	9	US-09-960-352-2306	Sequence 2306, Ap
C 32	19.4	88.2	323	9	US-09-960-352-12213	Sequence 12213, A
C 33	19.4	88.2	363	9	US-09-960-352-1068	Sequence 1068, Ap
C 34	19.4	88.2	377	9	US-09-960-352-15041	Sequence 15041, A
C 35	19.4	88.2	380	9	US-09-960-352-15107	Sequence 15107, A
C 36	19.4	88.2	398	9	US-09-960-352-9564	Sequence 9564, Ap
C 37	19.4	88.2	399	9	US-09-960-352-8257	Sequence 8257, Ap
C 38	19.4	88.2	404	9	US-09-960-352-7510	Sequence 7510, Ap
C 39	19.4	88.2	410	9	US-09-960-352-3955	Sequence 3955, Ap
C 40	19.4	88.2	418	9	US-09-960-352-4657	Sequence 4657, Ap
C 41	19.4	88.2	422	9	US-09-960-352-6070	Sequence 6070, Ap
C 42	19.4	88.2	423	9	US-09-960-352-12700	Sequence 12700, A
C 43	19.4	88.2	430	9	US-09-960-352-8232	Sequence 8232, Ap
C 44	19.4	88.2	434	9	US-09-960-352-4929	Sequence 4929, Ap
C 45	19.4	88.2	532	16	US-10-029-386-5822	Sequence 5822, Ap
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C 47	19.4	88.2	1515	13	US-10-007-814-3	Sequence 3, Appli
C 48	19.4	88.2	1613	15	US-10-274-694-25	Sequence 25, Appli
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C 50	19.4	88.2	1631	15	US-10-274-694-34	Sequence 34, Appli
C 51	19.4	88.2	1631	20	US-10-332-448-34	Sequence 34, Appli
C 52	19.4	88.2	1633	13	US-10-007-814-7	Sequence 7, Appli
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C 54	19.4	88.2	1915	18	US-10-112-944-188	Sequence 188, App
C 55	19.4	88.2	96960	21	US-10-484-577-662	Sequence 662, App
C 56	18.4	83.6	442	9	US-09-960-352-1762	Sequence 1762, Ap
C 57	18	81.8	2011	9	US-09-880-107-1586	Sequence 1586, Ap
C 58	17.8	80.9	413	9	US-09-960-352-14416	Sequence 14416, A
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C 60	17.8	80.9	575	13	US-10-027-632-209948	Sequence 209948, Ap
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C 62	17.8	80.9	576	13	US-10-027-632-225597	Sequence 225597, Ap
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C 64	17.4	79.1	314	9	US-09-983-965-1823	Sequence 1823, Ap
C 65	17.4	79.1	731	18	US-10-424-599-35967	Sequence 35967, A
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C 69	17.2	78.2	611	13	US-10-027-632-232748	Sequence 232748, Ap
C 70	17.2	78.2	611	13	US-10-027-632-232749	Sequence 232749, Ap
C 71	17.2	78.2	611	13	US-10-027-632-232750	Sequence 232750, Ap
C 72	17.2	78.2	611	17	US-10-027-632-232747	Sequence 232747, Ap
C 73	17.2	78.2	611	17	US-10-027-632-232748	Sequence 232748, Ap
C 74	17.2	78.2	611	17	US-10-027-632-232749	Sequence 232749, Ap
C 75	17.2	78.2	611	17	US-10-027-632-232750	Sequence 232750, Ap
C 76	17.2	78.2	3192	22	US-09-788-654A-1	Sequence 1, Appli
C 77	17.2	78.2	3192	22	US-10-800-865-1	Sequence 1, Appli
C 78	17.2	78.2	3213	18	US-10-112-944-34	Sequence 34, Appli
C 79	17.2	78.2	12118	9	US-09-788-654A-3	Sequence 3, Appli
C 80	17.2	78.2	12118	22	US-10-800-865-3	Sequence 3, Appli

Sequence 13, Appl
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Sequence 123077,
Sequence 3402, Ap
Sequence 129459,
Sequence 121124,
Sequence 264, App
Sequence 337, App
Sequence 282, App
Sequence 67, Appl
Sequence 67, Appl
Sequence 653, App
Sequence 4, Appl
Sequence 18006, A

ALIGNMENTS

RESULT 1
US-09-974-619B-27
; Sequence 27, Application US/09974619B
; Publication No. US20030143537A1
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Assem, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; FILE REFERENCE: 44158/244344
; CURRENT APPLICATION NUMBER: US/09/974,619B
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-974-619B-27

Query Match 100.0%; Score 22; DB 10; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATTCTTTCACTAGCACTGTTTC 22
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Db 1 CATTCTTTCACTAGCACTGTTTC 22
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RESULT 2
US-09-880-107-3816/c
; Sequence 3816, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; CURRENT FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379

; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3816
; LENGTH: 1525
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 X90579
US-09-880-107-3816

Query Match 100.0%; Score 22; DB 9; Length 1525;
Best Local Similarity 100.0%; Pred. No. 2;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATTCTTTCACTAGCACTGTTTC 22
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Db 503 CATTCTTTCACTAGCACTGTTTC 482
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RESULT 3
US-10-641-643-1405/c
; Sequence 1405, Application US/10641643
; Publication No. US20040077003A1
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
; GENE EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/641,643
; FILING DATE: 14-Aug-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 853-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1405:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1599 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g438625
; SEQUENCE DESCRIPTION: SEQ ID NO: 1405 :
US-10-641-643-1405

Query Match 100.0%; Score 22; DB 18; Length 1599;
Best Local Similarity 100.0%; Pred. No. 2;

GenCore version 5.1.6
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Title: US-09-974-619E-26

Perfect score: 20

Sequence: 1 taatatcttttgataatg 20

Scoring table: IDENTITY NUC

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Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 4	17.4	87.0	44653	4	US-09-949-016-15690
C 5	16.8	84.0	930	4	US-09-543-681A-2262
C 6	16.8	84.0	1719	4	US-09-248-796A-1633
7	16.8	84.0	3416	2	US-08-701-240-3
8	16.8	84.0	3416	3	US-08-138-236-3
C 9	16.8	84.0	28473	3	US-08-961-527-83
C 10	16.8	84.0	205163	4	US-09-949-016-17009
C 11	16.8	84.0	640681	4	US-09-790-988-1
C 12	16.4	82.0	489	4	US-09-248-796A-206
13	16.4	82.0	601	4	US-09-949-016-200096
14	16.4	82.0	1818	3	US-09-041-236-3
15	16.4	82.0	1818	4	US-09-771-467C-3
16	16.4	82.0	1971	4	US-09-543-681A-2301
17	16.4	82.0	3007	4	US-09-710-279-3846
18	16.4	82.0	10603	4	US-09-949-016-16598
C 19	16.4	82.0	43095	4	US-09-676-519-17
20	16.4	82.0	84296	4	US-09-949-016-17375
C 21	16.4	82.0	227750	4	US-09-949-016-17175
C 22	16.4	82.0	640681	4	US-09-790-988-1
C 23	16	80.0	601	4	US-09-949-016-17700
C 24	16	80.0	601	4	US-09-949-016-63491
C 25	16	80.0	23121	4	US-09-949-016-11748
C 26	16	80.0	29122	4	US-09-949-016-13591
C 27	16	80.0	38969	4	US-09-949-016-17381

28	16	80.0	85869	4	US-09-949-016-12017	Sequence 12017, A
29	16	80.0	85878	4	US-09-949-016-16321	Sequence 16321, A
30	16	80.0	91933	4	US-09-949-016-11855	Sequence 11855, A
31	16	80.0	91933	4	US-09-949-016-14628	Sequence 14628, A
C 32	15.8	79.0	287	4	US-09-513-999C-31551	Sequence 31551, A
C 33	15.8	79.0	375	3	US-08-651-1558-69	Sequence 69, Appl
C 34	15.8	79.0	375	4	US-09-194-036B-69	Sequence 69, Appl
C 35	15.8	79.0	438	4	US-09-248-796A-13685	Sequence 13685, A
C 36	15.8	79.0	471	4	US-09-710-279-2847	Sequence 2847, Ap
C 37	15.8	79.0	487	4	US-08-956-1718-1024	Sequence 1024, Ap
C 38	15.8	79.0	487	4	US-08-781-986A-1024	Sequence 1024, Ap
C 39	15.8	79.0	493	3	US-09-222-575-53	Sequence 53, Appl
40	15.8	79.0	493	4	US-09-389-681-53	Sequence 53, Appl
41	15.8	79.0	493	4	US-09-620-405B-53	Sequence 53, Appl
42	15.8	79.0	493	4	US-09-339-338-53	Sequence 53, Appl
43	15.8	79.0	493	4	US-09-433-826B-53	Sequence 53, Appl
44	15.8	79.0	493	4	US-09-604-287A-53	Sequence 53, Appl
45	15.8	79.0	493	4	US-09-285-480-53	Sequence 53, Appl
46	15.8	79.0	493	4	US-09-834-759-53	Sequence 53, Appl
47	15.8	79.0	493	4	US-09-590-751A-53	Sequence 53, Appl
48	15.8	79.0	493	4	US-09-551-621-53	Sequence 53, Appl
49	15.8	79.0	519	4	US-08-956-1718-710	Sequence 710, App
50	15.8	79.0	519	4	US-08-781-986A-710	Sequence 710, App
C 51	15.8	79.0	579	4	US-09-543-681A-3656	Sequence 3656, Ap
52	15.8	79.0	601	4	US-09-949-016-29371	Sequence 29371, A
53	15.8	79.0	601	4	US-09-949-016-33133	Sequence 33133, A
54	15.8	79.0	601	4	US-09-949-016-36385	Sequence 36385, A
55	15.8	79.0	601	4	US-09-949-016-36404	Sequence 36404, A
56	15.8	79.0	601	4	US-09-949-016-38115	Sequence 38115, A
57	15.8	79.0	601	4	US-09-949-016-64990	Sequence 64990, A
C 58	15.8	79.0	601	4	US-09-949-016-65506	Sequence 65506, A
C 59	15.8	79.0	601	4	US-09-949-016-65507	Sequence 65507, A
C 60	15.8	79.0	601	4	US-09-949-016-65508	Sequence 65508, A
61	15.8	79.0	601	4	US-09-949-016-68312	Sequence 68312, A
C 62	15.8	79.0	601	4	US-09-949-016-77469	Sequence 77469, A
63	15.8	79.0	601	4	US-09-949-016-105822	Sequence 105822, A
64	15.8	79.0	601	4	US-09-949-016-105836	Sequence 105836, A
65	15.8	79.0	601	4	US-09-949-016-105850	Sequence 105850, A
C 66	15.8	79.0	601	4	US-09-949-016-121718	Sequence 121718, A
C 67	15.8	79.0	601	4	US-09-949-016-121719	Sequence 121719, A
68	15.8	79.0	601	4	US-09-949-016-125996	Sequence 125996, A
C 69	15.8	79.0	601	4	US-09-949-016-149768	Sequence 149768, A
C 70	15.8	79.0	601	4	US-09-949-016-149769	Sequence 149769, A
C 71	15.8	79.0	615	4	US-09-248-796A-2829	Sequence 2829, Ap
C 72	15.8	79.0	627	3	US-09-134-001C-1860	Sequence 1860, Ap
73	15.8	79.0	657	4	US-09-543-681A-3970	Sequence 3970, Ap
C 74	15.8	79.0	788	4	US-09-705-621-39	Sequence 39, Appl
C 75	15.8	79.0	831	4	US-09-134-000C-2807	Sequence 2807, Ap
C 76	15.8	79.0	872	4	US-09-270-767-25860	Sequence 25860, A
C 77	15.8	79.0	881	4	US-08-956-1718-518	Sequence 518, App
C 78	15.8	79.0	881	4	US-08-781-986A-518	Sequence 518, App
79	15.8	79.0	1104	4	US-09-248-796A-1298	Sequence 1298, Ap
80	15.8	79.0	1107	4	US-09-270-767-2881	Sequence 2881, Ap
81	15.8	79.0	1107	4	US-09-270-767-18163	Sequence 18163, A
C 82	15.8	79.0	1322	4	US-09-270-767-13847	Sequence 13847, A
C 83	15.8	79.0	1368	4	US-09-107-433-2047	Sequence 2047, Ap
C 84	15.8	79.0	1485	4	US-09-424-978B-38	Sequence 38, Appl
C 85	15.8	79.0	1601	1	US-07-715-751B-1	Sequence 1, Appl
C 86	15.8	79.0	1632	4	US-09-540-236-1710	Sequence 1710, Ap
87	15.8	79.0	1656	4	US-09-583-110-2397	Sequence 2397, Ap
88	15.8	79.0	1659	4	US-09-248-796A-6610	Sequence 6610, Ap
C 89	15.8	79.0	1762	3	US-08-851-843A-3	Sequence 3, Appl
C 90	15.8	79.0	1762	3	US-08-974-549A-115	Sequence 115, App
C 91	15.8	79.0	1762	3	US-08-854-050-3	Sequence 3, Appl
C 92	15.8	79.0	1762	3	US-09-430-323-3	Sequence 3, Appl
C 93	15.8	79.0	1762	4	US-09-402-181B-115	Sequence 115, App
C 94	15.8	79.0	1762	4	US-09-721-456-115	Sequence 115, App
C 95	15.8	79.0	1762	4	US-09-766-253-3	Sequence 3, Appl
C 96	15.8	79.0	2016	3	US-09-132-118-1	Sequence 1, Appl
97	15.8	79.0	2137	1	US-08-444-005-16	Sequence 16, Appl
C 98	15.8	79.0	2150	4	US-09-862-660-1	Sequence 1, Appl
C 99	15.8	79.0	2228	4	US-09-270-767-10203	Sequence 10203, A
100	15.8	79.0	2355	4	US-09-710-279-4464	Sequence 4464, Ap

ALIGNMENTS

RESULT 1
US-09-949-016-11863
; Sequence 11863, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11863
; LENGTH: 35803
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-11863

Query Match 100.0%; Score 20; DB 4; Length 35803;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAATATCTCTTTTGATAATG 20
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DB 8922 TAATATCTCTTTTGATAATG 8941

RESULT 2
US-09-949-016-12962
; Sequence 12962, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12962
; LENGTH: 35804
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-12962

Query Match 100.0%; Score 20; DB 4; Length 35804;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAATATCTCTTTTGATAATG 20
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DB 8922 TAATATCTCTTTTGATAATG 8941

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; Sequence 11944, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
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; TYPE: DNA
; ORGANISM: Human
US-09-949-016-11944

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DB 44505 TAATATCTCTTTTGATAAT 44487

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; Sequence 15690, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15690
; LENGTH: 44653
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-15690

Query Match 87.0%; Score 17.4; DB 4; Length 44653;
Best Local Similarity 94.7%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TAATATCTCTTTTGATAAT 19
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DB 44505 TAATATCTCTTTTGATAAT 44487

RESULT 5
US-09-543-681A-2262/c
; Sequence 2262, Application US/09543681A
; Patent No. 6605709
; GENERAL INFORMATION:

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 19:10:46 ; Search time 274.796 Seconds
(without alignments)
486.627 Million cell updates/sec

Title: US-09-974-619E-26

Perfect score: 20

Sequence: 1 taatatcttttgataatg 20

Scoring table: IDENTITY NUC

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Post-processing: Minimum Match 0%

Maximum Match 100%

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26: /cgn2_6/prodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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5	18.4	92.0	723	18	Sequence 117903, A
C 6	18	90.0	527	20	Sequence 117905, A
C 7	17.4	87.0	203	18	Sequence 183365, A
					Sequence 11982, A

Sequence 16950, A	269	87.0	17.4	18	US-10-424-599-16950
Sequence 126664, A	417	87.0	17.4	18	US-10-424-599-126664
Sequence 82831, A	419	87.0	17.4	18	US-10-424-599-82831
Sequence 32704, A	589	87.0	17.4	13	US-10-424-599-32704
Sequence 27071, A	738	87.0	17.4	13	US-10-027-632-27071
Sequence 27071, A	738	87.0	17.4	17	US-10-027-632-27071
Sequence 49841, A	2254	87.0	17.4	18	US-10-424-599-49841
Sequence 26390, A	2319	87.0	17.4	18	US-10-425-114-26390
Sequence 6171, Ap	2427	87.0	17.4	20	US-10-425-115-6171
Sequence 180, App	9015	87.0	17.4	15	US-10-311-455-180
Sequence 5755, Ap	38299	87.0	17.4	19	US-10-741-601-5755
Sequence 334, Appl	154817	87.0	17.4	17	US-10-085-117-334
Sequence 4, Appli	599001	87.0	17.4	21	US-10-317-869A-4
Sequence 76537, A	315	85.0	17	18	US-10-424-599-76537
Sequence 204977, A	1281	85.0	17	13	US-10-027-632-204977
Sequence 100059, A	1281	85.0	17	17	US-10-027-632-204977
Sequence 23390, A	472	84.0	16.8	10	US-10-437-963-100059
Sequence 5028, Ap	546	84.0	16.8	16	US-09-918-995-23390
Sequence 136962, A	552	84.0	16.8	18	US-10-023-386-5028
Sequence 25102, A	569	84.0	16.8	20	US-10-425-115-25102
Sequence 76410, A	600	84.0	16.8	22	US-10-972-079-76410
Sequence 224689, A	606	84.0	16.8	13	US-10-027-632-224689
Sequence 224689, A	606	84.0	16.8	17	US-10-027-632-224689
Sequence 22707, A	780	84.0	16.8	19	US-10-437-963-22707
Sequence 2986, Ap	1177	84.0	16.8	17	US-10-013-312-2986
Sequence 19735, A	1216	84.0	16.8	9	US-09-864-761-19735
Sequence 2149, Ap	1294	84.0	16.8	15	US-10-017-161-2149
Sequence 1795, Ap	1294	84.0	16.8	17	US-10-292-798-1795
Sequence 1841, Ap	1294	84.0	16.8	17	US-10-292-798-1841
Sequence 8487, Ap	1313	84.0	16.8	18	US-10-425-114-8487
Sequence 77230, A	1326	84.0	16.8	19	US-10-437-963-77230
Sequence 35530, A	1488	84.0	16.8	17	US-10-282-122A-35530
Sequence 6607, Ap	1665	84.0	16.8	16	US-10-032-585-6607
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Sequence 6, Appli	2798	84.0	16.8	19	US-10-313-972-6
Sequence 8, Appli	2798	84.0	16.8	19	US-10-313-972-8
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Sequence 1161, Ap	5980	84.0	16.8	15	US-10-311-455-1161
Sequence 1735, Ap	5981	84.0	16.8	15	US-10-311-455-1735

81 16.8 84.0 6277 15 US-10-311-455-2013 Sequence 2013, Ap
82 16.8 84.0 6277 18 US-10-221-714A-453 Sequence 453, App
83 16.8 84.0 7892 17 US-10-257-166-137 Sequence 137, App
84 16.8 84.0 8170 15 US-10-240-453-131 Sequence 131, App
85 16.8 84.0 8349 15 US-10-311-455-1762 Sequence 1762, App
86 16.8 84.0 28473 8 US-08-961-527-83 Sequence 83, Appl
87 16.8 84.0 28473 17 US-10-158-844-83 Sequence 83, Appl
88 16.8 84.0 145806 20 US-10-719-993-6943 Sequence 6943, Ap
89 16.8 84.0 383432 22 US-10-737-082-34 Sequence 34, Appl
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91 16.8 84.0 640681 9 US-09-790-988-1 Sequence 1, Appl
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95 16.8 84.0 2162598 21 US-10-472-928-4979 Sequence 4979, Ap
96 16.8 84.0 3673778 16 US-10-312-841-1 Sequence 1, Appl
97 16.8 84.0 3673778 16 US-10-312-841-2 Sequence 2, Appl
98 16.4 82.0 201 19 US-10-741-601-9774 Sequence 9774, Ap
99 16.4 82.0 201 19 US-10-741-601-13375 Sequence 13375, A
100 16.4 82.0 201 21 US-10-741-600-24134 Sequence 24134, A

ALIGNMENTS

RESULT 1
US-09-974-619B-26
; Sequence 26, Application US/09974619B
; Publication No. US20030143537A1
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Joing
; APPLICANT: Assem, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; FILE REFERENCE: Phenotype
; CURRENT APPLICATION NUMBER: US/09/974,619B
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-974-619B-26

Query Match 100.0%; Score 20; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 TAATATTCCTTTTGATAATG 20

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US-09-814-353-21935
; Sequence 21935, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21935
; LENGTH: 1776
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1775_1776
; OTHER INFORMATION: n = A,T,C or G
US-09-814-353-21935

Query Match 100.0%; Score 20; DB 10; Length 1776;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1539 TAATATTCCTTTTGATAATG 1558

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; Sequence 660, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A1
; FILE REFERENCE: F2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 660
; LENGTH: 177531
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-660

Query Match 100.0%; Score 20; DB 21; Length 177531;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 22743 TAATATTCCTTTTGATAATG 22762

RESULT 4
US-10-424-599-117903/c
; Sequence 117903, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K

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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 16:40:29 ; Search time 48.7755 Seconds
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Title: US-09-974-619E-25

Perfect score: 20

Sequence: 1 gcaatgtaggaaggagggct 20

Scoring table:

IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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- 4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
- 5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	20	100.0	35804	4	US-09-949-016-12962
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C 5	18.4	92.0	823	4	US-09-545-894-1
C 6	18.4	92.0	6836	4	US-09-949-016-15581
C 7	18.4	92.0	31197	4	US-09-949-016-12963
C 8	18.4	92.0	34172	4	US-09-949-016-14432
C 9	18.4	92.0	38368	4	US-09-949-016-12958
C 10	18.4	92.0	90724	4	US-09-949-016-16601
C 11	18.4	92.0	103934	4	US-09-949-016-14433
C 12	17.4	87.0	601	4	US-09-949-016-19521
C 13	17.4	87.0	601	4	US-09-949-016-151878
C 14	17.4	87.0	8879	4	US-09-949-016-11827
C 15	17.4	87.0	8880	4	US-09-949-016-16003
C 16	16.8	84.0	1114	4	US-09-976-594-412
C 17	16.4	82.0	247781	4	US-09-949-016-14193
C 18	15.8	79.0	259	4	US-09-513-899C-32868
C 19	15.8	79.0	2540	4	US-09-244-805-20
C 20	15.8	79.0	15071	4	US-09-358-082A-29
C 21	15.8	79.0	15564	4	US-09-358-082A-29
C 22	15.8	79.0	15564	4	US-09-949-016-12783
C 23	15.8	79.0	17704	4	US-09-949-016-14878
C 24	15.8	79.0	154023	4	US-09-949-016-17057
C 25	15.8	79.0	194537	4	US-09-949-016-12928
C 26	15.8	79.0	201529	4	US-09-949-016-12740
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15.4	77.0	3495	4	US-09-976-594-470	Sequence 470, App
15.4	77.0	8581	4	US-09-949-016-15930	Sequence 15930, A
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15.2	76.0	2045	4	US-08-753-750B-5	Sequence 5, Appli
15.2	76.0	3293	4	US-09-949-016-4658	Sequence 4658, Ap
15.2	76.0	3314	4	US-09-949-016-836	Sequence 836, App
15.2	76.0	3653	3	US-09-596-824-3	Sequence 3, Appli
15.2	76.0	3653	4	US-09-885-329-3	Sequence 3, Appli
15.2	76.0	4481	3	US-09-041-886-18	Sequence 18, Appli
15.2	76.0	4481	4	US-09-648-281-1	Sequence 1, Appli
15.2	76.0	4481	4	US-09-707-919A-20	Sequence 20, Appl
15.2	76.0	4481	4	US-09-083-268-2	Sequence 2, Appli
15.2	76.0	4484	4	US-09-949-016-4498	Sequence 4498, Ap
15.2	76.0	6470	4	US-09-620-312B-255	Sequence 255, App
15.2	76.0	13187	3	US-09-422-936-61	Sequence 61, Appl
15.2	76.0	14967	4	US-09-949-016-15448	Sequence 15448, A
15.2	76.0	20481	4	US-09-949-016-12093	Sequence 12093, A
15.2	76.0	20482	4	US-09-949-016-13660	Sequence 13660, A
15.2	76.0	31444	4	US-09-949-016-12578	Sequence 12578, A
15.2	76.0	31444	4	US-09-949-016-16400	Sequence 16400, A
15.2	76.0	36302	4	US-09-949-016-11998	Sequence 11998, A
15.2	76.0	36302	4	US-09-949-016-13891	Sequence 13891, A
15.2	76.0	44947	4	US-09-949-016-12018	Sequence 12018, A
15.2	76.0	44947	4	US-09-949-016-13101	Sequence 13101, A
15.2	76.0	56963	4	US-09-949-016-12966	Sequence 12966, A
15.2	76.0	56968	4	US-09-949-016-11888	Sequence 11888, A
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ALIGNMENTS

RESULT 1
US-09-949-016-11863/c
; Sequence 11863, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11863
; LENGTH: 35803
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-11863

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Best Local Similarity 100.0%; Pred. No. 3;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCAATGTAGGAAGGGGCT 20
Db 10340 GCAATGTAGGAAGGGGCT 10321

RESULT 2
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; Sequence 12962, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
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; SEQ ID NO 12962
; LENGTH: 35804
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-12962

Query Match 100.0%; Score 20; DB 4; Length 35804;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3
US-09-949-016-171682
; Sequence 171682, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 171682
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-171682

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Best Local Similarity 95.0%; Pred. No. 9.3;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GCAATGTAGGAAGGGGCT 20
Db 167 GCAATGTAGGAAGGGGTT 186

RESULT 4
US-09-016-434-687
; Sequence 687, Application US/09016434
; Patent No. 6500938
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhammer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/016,434
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0002 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 687:
; SEQUENCE CHARACTERISTICS:

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 19:10:46 ; Search time 274.796 Seconds
(without alignments)
486.627 Million cell updates/sec

Title: US-09-974-619E-25

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Sequence: 1 gcaatgtaggaaggagggct 20

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 7400704 seqs, 3343079526 residues

Total number of hits satisfying chosen parameters: 14801408

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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Published Applications NA:*

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- 25: /cgn2_6/ptodata/1/pubpna/US11C_PUBCOMB.seq.*
- 26: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
- 27: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	18.4	92.0	802	17	US-10-305-720-687
5	18.4	92.0	825	8	US-08-927-939-28
6	18.4	92.0	825	8	US-08-927-939-33
7	18.4	92.0	832	13	US-10-044-090-838
Sequence 25, Appl					
Sequence 660, App					
Sequence 2971, App					
Sequence 687, App					
Sequence 28, Appl					
Sequence 33, Appl					
Sequence 838, App					

18.4	92.0	860	9	US-09-872-611A-3	Sequence 3, Appl
18.4	92.0	860	17	US-10-172-118-1148	Sequence 1148, App
18.4	92.0	860	17	US-10-295-027-1004	Sequence 1004, App
18.4	92.0	860	18	US-10-342-887-1148	Sequence 1148, App
18.4	92.0	861	20	US-10-723-860-3703	Sequence 3703, App
18.4	92.0	861	22	US-10-756-149-3605	Sequence 3605, App
18.4	92.0	887	20	US-10-723-860-7657	Sequence 7657, App
18.4	92.0	96960	21	US-10-484-577-662	Sequence 662, App
17.4	87.0	60327	18	US-10-052-482-187	Sequence 187, App
17	85.0	356	18	US-10-424-599-20195	Sequence 20195, App
17	85.0	2031	22	US-10-450-763-26321	Sequence 26321, App
16.8	84.0	274	20	US-10-425-115-92580	Sequence 92580, App
16.8	84.0	145088	19	US-10-322-281-33	Sequence 33, Appl
22	84.0	254087	13	US-10-087-197-223	Sequence 223, App
22	84.0	60	10	US-09-908-975-11334	Sequence 11334, App
24	82.0	510	13	US-10-027-632-134512	Sequence 134512, App
24	82.0	510	17	US-10-027-632-134512	Sequence 134512, App
25	82.0	637	13	US-10-027-632-219393	Sequence 219393, App
26	82.0	637	17	US-10-027-632-219393	Sequence 219393, App
27	82.0	649	20	US-10-425-115-153110	Sequence 153110, App
28	82.0	838	13	US-10-027-632-167310	Sequence 167310, App
29	82.0	838	13	US-10-027-632-167310	Sequence 167310, App
30	82.0	838	13	US-10-027-632-167310	Sequence 167310, App
31	82.0	838	17	US-10-027-632-167310	Sequence 167310, App
32	82.0	838	17	US-10-027-632-167310	Sequence 167310, App
33	82.0	838	17	US-10-027-632-167310	Sequence 167310, App
34	82.0	2318	13	US-10-027-632-101808	Sequence 101808, App
35	82.0	2318	17	US-10-027-632-101808	Sequence 101808, App
36	82.0	2318	17	US-10-027-632-101808	Sequence 101808, App
37	82.0	2318	17	US-10-027-632-101808	Sequence 101808, App
38	82.0	2325	17	US-10-027-632-103240	Sequence 103240, App
40	82.0	80959	9	US-09-858-546-3	Sequence 103240, App
41	79.0	201	19	US-10-741-601-8752	Sequence 8752, App
42	79.0	201	19	US-10-741-601-8753	Sequence 8753, App
43	79.0	201	19	US-10-741-601-9095	Sequence 9095, App
44	79.0	201	19	US-10-741-601-9101	Sequence 9101, App
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59	79.0	201	21	US-10-741-600-31069	Sequence 31069, App
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61	79.0	285	19	US-10-437-963-62794	Sequence 62794, App
62	79.0	327	20	US-10-425-115-50712	Sequence 50712, App
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64	79.0	588	13	US-10-027-632-274322	Sequence 274322, App
65	79.0	588	17	US-10-027-632-274322	Sequence 274322, App
66	79.0	699	13	US-10-027-632-275963	Sequence 275963, App
67	79.0	699	17	US-10-027-632-275963	Sequence 275963, App
68	79.0	794	18	US-10-424-599-51245	Sequence 51245, App
69	79.0	1017	22	US-10-501-282-621	Sequence 621, App
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71	79.0	1912	9	US-09-764-847-1978	Sequence 1978, App
72	79.0	1912	14	US-10-092-154-1978	Sequence 1978, App
73	79.0	2221	22	US-10-450-763-7987	Sequence 7987, App
74	79.0	2540	10	US-09-244-803-20	Sequence 20, Appl
75	79.0	2540	10	US-09-245-277-20	Sequence 20, Appl
76	79.0	2540	19	US-10-792-481-20	Sequence 20, Appl
77	79.0	4225	15	US-10-128-714-193	Sequence 193, App
78	79.0	4939	15	US-10-128-714-5193	Sequence 5193, App
79	79.0	11105	19	US-10-163-863A-32	Sequence 32, Appl
80	79.0	11216	19	US-10-163-863A-31	Sequence 31, Appl

C 81	15.8	79.0	11941	19	US-10-163-863A-30	Sequence 30, Appl
C 82	15.8	79.0	12041	16	US-10-117-960-9	Sequence 9, Appl
C 83	15.8	79.0	12052	19	US-10-163-863A-29	Sequence 29, Appl
C 84	15.8	79.0	12211	16	US-10-117-960-12	Sequence 12, Appl
C 85	15.8	79.0	12815	19	US-10-741-601-5724	Sequence 5724, Ap
C 86	15.8	79.0	12815	21	US-10-741-600-17853	Sequence 17853, A
C 87	15.8	79.0	13547	16	US-10-117-960-2	Sequence 2, Appl
C 88	15.8	79.0	14262	19	US-10-163-863A-9	Sequence 9, Appl
C 89	15.8	79.0	15071	9	US-09-358-082A-29	Sequence 29, Appl
C 90	15.8	79.0	15071	14	US-10-224-972-29	Sequence 29, Appl
C 91	15.8	79.0	15071	14	US-10-224-993-29	Sequence 29, Appl
C 92	15.8	79.0	15071	14	US-10-225-418-29	Sequence 29, Appl
C 93	15.8	79.0	15071	14	US-10-225-073-29	Sequence 29, Appl
C 94	15.8	79.0	15071	24	US-11-087-052-29	Sequence 29, Appl
C 95	15.8	79.0	16163	10	US-09-764-891-6505	Sequence 6505, Ap
C 96	15.8	79.0	16163	17	US-10-091-414-270	Sequence 270, App
C 97	15.8	79.0	59247	19	US-10-741-601-5741	Sequence 5741, Ap
C 98	15.8	79.0	59247	21	US-10-741-600-17890	Sequence 17890, A
C 99	15.8	79.0	112486	19	US-10-741-601-5641	Sequence 5641, Ap
C 100	15.8	79.0	112486	21	US-10-741-600-17642	Sequence 17642, A

ALIGNMENTS

RESULT 1

US-09-974-619B-25

; Sequence 25, Application US/09974619B

; Publication No. US20030143537A1

; GENERAL INFORMATION:

; APPLICANT: Schuetz, Erin

; APPLICANT: Zhang, Joing

; APPLICANT: Assem, Mahfoud

; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5

; TITLE OF INVENTION: Phenotype

; FILE REFERENCE: 44158/244344

; CURRENT APPLICATION NUMBER: US/09/974,619B

; CURRENT FILING DATE: 2002-04-30

; PRIOR APPLICATION NUMBER: 60/279,915

; PRIOR FILING DATE: 2001-03-29

; NUMBER OF SEQ ID NOS: 36

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 25

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer

US-09-974-619B-25

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Best Local Similarity 100.0%; Pred. No. 4.1;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 GCAATGTAGGAAGGAGGCT 20

RESULT 2

US-10-484-577-660/c

; Sequence 660, Application US/10484577

; Publication No. US20050032724A1

; GENERAL INFORMATION:

; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft

; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGTR1A

; FILE REFERENCE: F2285PCT-1

; CURRENT APPLICATION NUMBER: US/10/484,577

; CURRENT FILING DATE: 2004-01-22

; PRIOR APPLICATION NUMBER: PCT/EP 02/08220

; PRIOR FILING DATE: 2002-07-23

; PRIOR APPLICATION NUMBER: EP 01 11 7608.8

; PRIOR FILING DATE: 2001-07-23

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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SUMMARIES

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6	16.8	80.0	720	3	US-09-088-337B-35
7	16.8	80.0	720	5	PCT-US93-11153-35
8	16.8	80.0	70308	4	US-09-949-016-15601
9	16.8	80.0	162450	3	US-09-345-882-1
10	16.4	78.1	38575	4	US-09-949-016-17304
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12	16.4	78.1	119153	4	US-09-949-016-12378
13	16.4	78.1	392000	4	US-10-027-983-11
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25	16.2	77.1	2638	4	US-09-461-912A-18
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31	16.2	77.1	4532	4	US-09-930-377B-1	Sequence 1, Appl
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33	16.2	77.1	8449	4	US-09-949-016-14003	Sequence 14003, A
34	16.2	77.1	36907	4	US-09-949-016-12633	Sequence 12633, A
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46	16	76.2	144158	4	US-09-949-016-11755	Sequence 11755, A
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62	15.8	75.2	3464	3	US-09-318-448-30	Sequence 30, Appl
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68	15.8	75.2	43507	4	US-09-949-016-13297	Sequence 13297, A
69	15.8	75.2	73818	4	US-09-949-016-16822	Sequence 16822, A
70	15.8	75.2	77661	4	US-09-949-016-12770	Sequence 12770, A
71	15.8	75.2	77663	4	US-09-949-016-13751	Sequence 13751, A
72	15.8	75.2	91062	4	US-09-949-016-13019	Sequence 13019, A
73	15.8	75.2	96739	4	US-09-949-016-15606	Sequence 15606, A
74	15.8	75.2	132871	4	US-09-949-016-13863	Sequence 13863, A
75	15.8	75.2	161607	4	US-09-949-016-12210	Sequence 12210, A
76	15.8	75.2	174262	4	US-09-949-016-11968	Sequence 11968, A
77	15.8	75.2	174262	4	US-09-949-016-14259	Sequence 14259, A
78	15.8	75.2	258775	4	US-09-949-016-16435	Sequence 16435, A
79	15.4	73.3	418	4	US-09-513-999C-35965	Sequence 35965, A
80	15.4	73.3	495	4	US-09-328-475C-209	Sequence 209, App
81	15.4	73.3	499	4	US-09-328-475C-211	Sequence 211, App
82	15.4	73.3	601	4	US-09-949-016-103463	Sequence 103463, A
83	15.4	73.3	601	4	US-09-949-016-103464	Sequence 103464, A
84	15.4	73.3	812	4	US-09-328-475C-121	Sequence 121, App
85	15.4	73.3	820	4	US-09-328-475C-210	Sequence 210, App
86	15.4	73.3	5894	3	US-08-665-259-24	Sequence 24, Appl
87	15.4	73.3	5894	3	US-08-762-500-24	Sequence 24, Appl
88	15.4	73.3	6447	4	US-09-949-016-4925	Sequence 4925, Ap
89	15.4	73.3	6525	3	US-08-762-500-74	Sequence 74, Appl
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91	15.4	73.3	57978	4	US-09-949-016-16667	Sequence 16667, A
92	15.4	73.3	87216	4	US-09-949-016-15891	Sequence 15891, A
93	15.4	73.3	119762	4	US-09-949-016-17313	Sequence 17313, A
94	15.4	73.3	129899	4	US-09-949-016-14684	Sequence 14684, A
95	15.4	73.3	148156	4	US-09-949-016-11776	Sequence 11776, A
96	15.4	73.3	167708	4	US-09-949-016-16423	Sequence 16423, A
97	15.2	72.4	172	4	US-10-021-338A-14	Sequence 14, Appl
98	15.2	72.4	227	4	US-09-513-999C-36234	Sequence 36234, A
99	15.2	72.4	318	4	US-09-543-681A-1156	Sequence 1156, Ap
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ALIGNMENTS

RESULT 1
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; Sequence 11863, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11863
; LENGTH: 35803
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-11863

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Best Local Similarity 100.0%; Pred. No. 3.2;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGCCTTCAATTTTCACTG 21
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Db 8898 CCTGCCTTCAATTTTCACTG 8918

RESULT 2
US-09-949-016-12962
; Sequence 12962, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12962
; LENGTH: 35804
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-12962

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Best Local Similarity 100.0%; Pred. No. 3.2;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 8898 CCTGCCTTCAATTTTCACTG 8918

RESULT 3
US-09-248-796A-709
; Sequence 709, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS
; AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 709
; LENGTH: 897
; TYPE: DNA
; ORGANISM: Candida albicans
US-09-248-796A-709

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Best Local Similarity 94.7%; Pred. No. 86;
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Db 640 TGCCTTCAATTTTCACTG 658

RESULT 4
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; Sequence 35, Application US/08153848
; Patent No. 5759804
; GENERAL INFORMATION:
; APPLICANT: Godiska, Ronald
; APPLICANT: Gray, Patrick W.
; APPLICANT: Schweikart, Vicki L.
; TITLE OF INVENTION: No. 5759804e1 Seven Transmembrane Receptors
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
; ADDRESSEE: Bicknell
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/153,848
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,452
; FILING DATE: 17-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5759804and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 31794
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 720 base pairs
; TYPE: nucleic acid

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OM nucleic - nucleic search, using sw model

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	21	100.0	177531	21	US-10-484-577-660
4	18.4	87.6	576	13	US-10-027-632-78895
5	18.4	87.6	576	13	US-10-027-632-80004
6	18.4	87.6	576	17	US-10-027-632-78895
7	18.4	87.6	576	17	US-10-027-632-80004

8	18.4	87.6	588	13	US-10-027-632-85274	Sequence 85274, A
9	18.4	87.6	588	13	US-10-027-632-109383	Sequence 109383, A
10	18.4	87.6	588	17	US-10-027-632-85274	Sequence 85274, A
11	18.4	87.6	588	17	US-10-027-632-109383	Sequence 109383, A
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C 13	17.4	82.9	170	17	US-10-242-535A-20041	Sequence 20041, A
C 14	17.4	82.9	170	18	US-10-085-783A-20041	Sequence 20041, A
15	17.4	82.9	2000	9	US-09-938-842A-4108	Sequence 4108, Ap
16	17.4	82.9	2000	11	US-09-938-842A-4108	Sequence 4108, Ap
C 17	17.4	82.9	3406	9	US-09-764-877-2638	Sequence 2638, Ap
C 18	17.4	82.9	3406	21	US-10-242-515-2638	Sequence 110, App
C 19	17.4	82.9	8160	21	US-10-804-678-110	Sequence 322, App
20	17.4	82.9	144035	13	US-10-087-192-322	Sequence 1, Appl
21	17.4	82.9	174566	14	US-10-020-141-1	Sequence 37, Appl
22	17.4	82.9	174566	18	US-10-235-192A-37	Sequence 1821, Ap
C 23	17	81.0	430	17	US-10-260-238-1821	Sequence 62475, A
C 24	17	81.0	2965	19	US-10-437-963-62475	Sequence 85, Appl
C 25	17	81.0	5718	17	US-10-259-194A-85	Sequence 3639, Ap
C 26	17	81.0	6148	19	US-10-437-963-3639	Sequence 71, Appl
C 27	17	81.0	379652	21	US-10-481-613-71	Sequence 61359, A
C 28	16.8	80.0	201	21	US-10-741-600-61359	Sequence 11084, A
C 29	16.8	80.0	508	10	US-09-918-995-11084	Sequence 12367, A
C 30	16.8	80.0	589	9	US-09-864-761-12367	Sequence 204965
C 31	16.8	80.0	620	13	US-10-027-632-204965	Sequence 204966
C 32	16.8	80.0	620	13	US-10-027-632-204966	Sequence 204967
C 33	16.8	80.0	620	13	US-10-027-632-204967	Sequence 204968
C 34	16.8	80.0	620	13	US-10-027-632-204968	Sequence 204965
C 35	16.8	80.0	620	17	US-10-027-632-204965	Sequence 204966
C 36	16.8	80.0	620	17	US-10-027-632-204966	Sequence 204967
C 37	16.8	80.0	620	17	US-10-027-632-204967	Sequence 204968
C 38	16.8	80.0	620	17	US-10-027-632-204968	Sequence 135655
C 39	16.8	80.0	1136	18	US-10-424-598-135655	Sequence 77535, A
C 40	16.8	80.0	1349	18	US-10-424-598-77535	Sequence 36076, A
C 41	16.8	80.0	2445	17	US-10-369-493-36076	Sequence 1767, Ap
C 42	16.8	80.0	9428	15	US-10-017-161-1767	Sequence 1423, Ap
C 43	16.8	80.0	9428	17	US-10-292-798-1423	Sequence 17821, A
C 44	16.8	80.0	41853	21	US-10-741-600-17821	Sequence 1, Appl
C 45	16.8	80.0	162450	15	US-10-071-179-1	Sequence 3, Appl
C 46	16.8	80.0	162450	16	US-10-126-704-1	Sequence 3, Appl
C 47	16.8	80.0	378361	20	US-09-901-136-3	Sequence 5355, Ap
C 48	16.8	80.0	378361	20	US-10-483-329-3	Sequence 181718, A
C 49	16.4	78.1	218	19	US-10-674-124A-5355	Sequence 181718, A
50	16.4	78.1	441	13	US-10-027-632-181718	Sequence 250996
51	16.4	78.1	441	17	US-10-027-632-250996	Sequence 250996
C 52	16.4	78.1	488	19	US-10-437-963-102313	Sequence 6564, Ap
C 53	16.4	78.1	587	21	US-10-487-901-6564	Sequence 102313, A
54	16.4	78.1	604	13	US-10-027-632-250996	Sequence 250996
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56	16.4	78.1	630	13	US-10-027-632-89395	Sequence 89395, A
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60	16.4	78.1	630	17	US-10-027-632-89394	Sequence 89395, A
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63	16.4	78.1	630	17	US-10-027-632-303990	Sequence 290040
64	16.4	78.1	647	13	US-10-027-632-290040	Sequence 290040
65	16.4	78.1	647	13	US-10-027-632-290040	Sequence 229415
C 66	16.4	78.1	702	13	US-10-027-632-229415	Sequence 229415
C 67	16.4	78.1	702	17	US-10-027-632-229415	Sequence 5783, Ap
C 68	16.4	78.1	1090	19	US-10-767-795-5783	Sequence 7619, Ap
C 69	16.4	78.1	32249	10	US-09-764-891-7619	Sequence 25, Appl
C 70	16.4	78.1	42000	13	US-10-081-563-25	Sequence 11, Appl
C 71	16.4	78.1	118951	14	US-10-161-579-11	Sequence 1810, Ap
C 72	16.4	78.1	133632	13	US-10-087-192-1810	Sequence 298, App
C 73	16.4	78.1	260027	13	US-10-087-192-298	Sequence 11, Appl
C 74	16.4	78.1	392000	17	US-10-027-983-11	Sequence 1, Appl
C 75	16.4	78.1	392000	15	US-10-448-753-11	Sequence 1458, Ap
C 76	16.4	78.1	465237	9	US-09-933-267A-1	Sequence 7134, Ap
C 77	16.2	77.1	284	10	US-09-535-459-1458	Sequence 9998, Ap
78	16.2	77.1	323	9	US-09-960-352-7134	Sequence 3445, Ap
79	16.2	77.1	350	9	US-09-960-352-9998	
C 80	16.2	77.1	373	9	US-09-764-877-3445	

c 81 16.2 77.1 373 17 US-10-242-515-3445 Sequence 3445, Ap
c 82 16.2 77.1 384 9 US-09-960-352-1922 Sequence 1922, Ap
c 83 16.2 77.1 401 9 US-09-960-352-14942 Sequence 14942, A
c 84 16.2 77.1 404 10 US-09-918-995-34706 Sequence 34706, A
c 85 16.2 77.1 411 9 US-09-960-352-6160 Sequence 6160, Ap
c 86 16.2 77.1 413 9 US-09-960-352-6046 Sequence 6046, Ap
c 87 16.2 77.1 417 9 US-09-960-352-9495 Sequence 9495, Ap
c 88 16.2 77.1 423 9 US-09-960-352-5499 Sequence 5499, Ap
c 89 16.2 77.1 423 9 US-09-960-352-8117 Sequence 8117, Ap
c 90 16.2 77.1 423 9 US-09-960-352-8311 Sequence 8311, Ap
c 91 16.2 77.1 427 9 US-09-960-352-10198 Sequence 10198, A
c 92 16.2 77.1 430 9 US-09-864-761-3715 Sequence 3715, Ap
c 93 16.2 77.1 440 9 US-09-960-352-752 Sequence 752, App
c 94 16.2 77.1 458 9 US-09-960-352-11925 Sequence 11925, A
c 95 16.2 77.1 460 19 US-10-674-124A-7903 Sequence 7903, Ap
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c 97 16.2 77.1 500 17 US-10-242-538A-1264 Sequence 1264, Ap
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c 99 16.2 77.1 533 21 US-10-764-420-2617 Sequence 2617, Ap
c 100 16.2 77.1 585 13 US-10-027-632-197906 Sequence 197906,

ALIGNMENTS

RESULT 1
US-09-974-619B-24
; Sequence 24, Application US/0974619B
; Publication No. US20030143537A1
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Brin
; APPLICANT: Zhang, Joing
; APPLICANT: Assem, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; TITLE OF INVENTION: Phenotype
; FILE REFERENCE: 44158/244344
; CURRENT APPLICATION NUMBER: US/09/974,619B
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-974-619B-24

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Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 CCTGCCTTCAATTTTCACTG 21

RESULT 2
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; Sequence 21935, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21935
; LENGTH: 1776
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1775_1776
; OTHER INFORMATION: n = A,T,C or G
US-09-814-353-21935

Query Match 100.0%; Score 21; DB 10; Length 1776;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3
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; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UG11A1
; FILE REFERENCE: F2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 660
; LENGTH: 177531
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-660

Query Match 100.0%; Score 21; DB 21; Length 177531;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 22719 CCTGCCTTCAATTTTCACTG 22739

RESULT 4
US-10-027-632-78895
; Sequence 78895, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 16:40:29 ; Search time 53.6531 Seconds
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Title: US-09-974-619E-16

Perfect score: 22

Sequence: 1 tcaaaactgggtaaggaatg 22

Scoring table:

IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA.*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 5	22	100.0	35803	4	US-09-949-016-11863
C 6	22	100.0	35804	4	US-09-949-016-12962
C 7	20.4	92.7	475	4	US-09-583-447A-35
C 8	20.4	92.7	1192	4	US-09-583-447A-9
C 9	20.4	92.7	1349	4	US-09-583-447A-5
C 10	20.4	92.7	1515	4	US-09-583-447A-3
C 11	20.4	92.7	1633	4	US-09-583-447A-7
C 12	20.4	92.7	1659	4	US-09-583-447A-1
C 13	20.4	92.7	1973	4	US-09-583-447A-11
C 14	18.8	85.5	2080	4	US-09-949-016-2690
C 15	18.8	85.5	34172	4	US-09-949-016-14432
C 16	18.8	85.5	101934	4	US-09-949-016-14433
C 17	17.4	79.1	601	4	US-09-949-016-199432
C 18	17.4	79.1	601	4	US-09-949-016-205911
C 19	17.4	79.1	601	4	US-09-949-016-205912
C 20	17.4	79.1	601	4	US-09-949-016-205913
C 21	17.4	79.1	74644	4	US-09-949-016-17556
C 22	17.4	79.1	102520	4	US-09-949-016-17367
C 23	17.4	79.1	102526	4	US-09-949-016-12448
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C 25	16.8	76.4	601	4	US-09-949-016-176597
C 26	16.8	76.4	44988	4	US-09-949-016-16354
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C 37	16.4	74.5	317	4	US-09-513-999C-28451	Sequence 1, Appli
C 38	16.4	74.5	12886	3	US-09-453-702B-14	Sequence 14, Appl
C 39	16.4	74.5	144322	4	US-09-949-016-15316	Sequence 15316, A
C 40	16.2	73.6	301	3	US-09-053-021-3	Sequence 3, Appli
C 41	16.2	73.6	345	3	US-09-053-021-8	Sequence 8, Appli
C 42	16.2	73.6	601	4	US-09-949-016-158027	Sequence 158027, A
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C 50	16.2	73.6	2691	4	US-09-949-016-5869	Sequence 5869, Ap
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C 52	16.2	73.6	3713	4	US-09-949-016-513	Sequence 513, App
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C 55	16.2	73.6	25814	4	US-09-949-016-16927	Sequence 16927, A
C 56	16.2	73.6	36620	4	US-09-949-016-16150	Sequence 16150, A
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C 62	16.2	73.6	183770	4	US-09-949-016-15494	Sequence 15494, A
C 63	16.2	73.6	678533	4	US-09-949-016-14577	Sequence 14577, A
C 64	16.2	73.6	678533	4	US-09-949-016-14578	Sequence 14578, A
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C 66	15.8	71.8	338	4	US-09-270-767-18140	Sequence 18140, A
C 67	15.8	71.8	601	4	US-09-949-016-30717	Sequence 30717, A
C 68	15.8	71.8	601	4	US-09-949-016-30718	Sequence 30718, A
C 69	15.8	71.8	601	4	US-09-949-016-30719	Sequence 30719, A
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C 75	15.8	71.8	601	4	US-09-949-016-87475	Sequence 87475, A
C 76	15.8	71.8	601	4	US-09-949-016-109225	Sequence 109225, A
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C 81	15.8	71.8	601	4	US-09-949-016-186633	Sequence 186633, A
C 82	15.8	71.8	897	4	US-09-573-080A-358	Sequence 358, App
C 83	15.8	71.8	902	4	US-09-573-080A-357	Sequence 357, App
C 84	15.8	71.8	916	1	US-08-562-311-3	Sequence 3, Appli
C 85	15.8	71.8	1407	4	US-09-328-352-1897	Sequence 1897, Ap
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C 87	15.8	71.8	3372	1	US-08-167-035-1	Sequence 1, Appli
C 88	15.8	71.8	3372	1	US-08-167-035-48	Sequence 48, Appli
C 89	15.8	71.8	3372	1	US-08-208-887A-1	Sequence 1, Appli
C 90	15.8	71.8	3372	2	US-08-539-005-1	Sequence 1, Appli
C 91	15.8	71.8	3372	2	US-08-539-005-48	Sequence 48, Appli
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C 93	15.8	71.8	3372	3	US-09-280-598-1	Sequence 1, Appli
C 94	15.8	71.8	3372	4	US-09-963-137-180	Sequence 180, App
C 95	15.8	71.8	19181	4	US-09-949-016-15016	Sequence 15016, A
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C 97	15.8	71.8	24984	4	US-09-949-016-14950	Sequence 14950, A
C 98	15.8	71.8	39601	4	US-09-949-016-16045	Sequence 16045, A
C 99	15.8	71.8	40130	4	US-09-949-016-17275	Sequence 17275, A
C 100	15.8	71.8	41895	4	US-09-949-016-15135	Sequence 15135, A

ALIGNMENTS

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RESULT 1
US-09-023-655-1405/c
; Sequence 1405, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1405:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1599 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g438625
US-09-023-655-1405

Query Match 100.0%; Score 22; DB 4; Length 1599;
Best Local Similarity 100.0%; Pred. No. 0.35;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1021 TCAAAACTGGGTAAGGAATG 1000

RESULT 2
US-09-023-655-1060/c
; Sequence 1060, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
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; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1060:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1707 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g181345
US-09-023-655-1060

Query Match 100.0%; Score 22; DB 4; Length 1707;
Best Local Similarity 100.0%; Pred. No. 0.35;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 788 TCAAAACTGGGTAAGGAATG 767

RESULT 3
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; Sequence 121, Application US/09949016
; Patent No. 6812319
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 1707
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-121
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2005, 19:10:46 ; Search time 302.276 Seconds
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486.627 Million cell updates/sec

Title: US-09-974-619E-16

Perfect score: 22

Sequence: 1 tcaaaactgggtaaggaatg 22

Scoring table: IDENTITY NUC

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Total number of hits satisfying chosen parameters: 14801408

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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5	22	100.0	1595	15	US-10-106-698-1724
6	22	100.0	1599	18	US-10-641-643-1405
7	22	100.0	1707	9	US-09-880-107-2114

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Sequence 15174, A	US-10-450-763-15174	22	5799	100.0	22
Sequence 6846, Ap	US-10-450-763-6846	22	6637	100.0	22
Sequence 660, App	US-10-484-577-660	21	177531	92.7	20.4
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Sequence 9, Appli	US-10-007-814-9	13	1192	92.7	20.4
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Sequence 34, Appl	US-10-332-448-34	15	1631	92.7	20.4
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Sequence 71801, A	US-10-972-079-71801	22	600	85.5	18.8
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Sequence 1589, Ap	US-09-880-107-1589	9	1971	85.5	18.8
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Sequence 471, Appl	US-10-343-710-41	18	2818	80.9	17.8
Sequence 42, Appl	US-10-343-710-42	18	4672	80.9	17.8
Sequence 193, App	US-09-997-722-193	40	92726	80.9	17.8
Sequence 5611, Ap	US-10-741-601-5611	13	253861	80.9	17.8
Sequence 2002, Ap	US-10-087-192-2002	19	261817	80.9	17.8
Sequence 24, Appl	US-10-450-826-24	19	129722	79.1	17.4
Sequence 844, App	US-10-723-860-844	22	129722	79.1	17.4
Sequence 12, Appl	US-10-737-082-12	22	129722	79.1	17.4
Sequence 12, Appl	US-10-765-790-12	22	129722	79.1	17.4
Sequence 30, Appl	US-10-737-082-30	22	129722	79.1	17.4
Sequence 30, Appl	US-10-765-790-30	22	129722	79.1	17.4
Sequence 3267, Ap	US-09-960-352-3267	9	404	78.2	17.2
Sequence 3004, Ap	US-09-960-352-3004	9	416	78.2	17.2
Sequence 9144, Ap	US-09-960-352-9144	9	416	78.2	17.2
Sequence 8421, Ap	US-09-960-352-8421	9	417	78.2	17.2
Sequence 8593, Ap	US-10-027-632-8593	13	735	78.2	17.2
Sequence 8593, Ap	US-10-027-632-8593	13	735	78.2	17.2
Sequence 166228,	US-10-027-632-166228	13	871	78.2	17.2
Sequence 166228,	US-10-027-632-166228	13	871	78.2	17.2
Sequence 120585,	US-10-027-632-120585	13	955	78.2	17.2
Sequence 120585,	US-10-027-632-120585	13	955	78.2	17.2
Sequence 17173, A	US-10-282-122A-17173	17	1200	78.2	17.2
Sequence 138382,	US-10-425-115-138382	17	3047	78.2	17.2
Sequence 6824, A	US-10-437-963-6824	19	4248	78.2	17.2
Sequence 3823, A	US-10-424-599-3823	18	318	76.4	16.8
Sequence 122145,	US-10-425-115-122145	13	537	76.4	16.8
Sequence 75203, A	US-10-027-632-75203	13	542	76.4	16.8
Sequence 299769,	US-10-027-632-299769	17	542	76.4	16.8
Sequence 75203, A	US-10-027-632-75203	17	542	76.4	16.8
Sequence 299769,	US-10-027-632-299769	17	542	76.4	16.8
Sequence 3045, Ap	US-10-425-115-3045	11	567	76.4	16.8
Sequence 109, App	US-09-969-034-109	14	573	76.4	16.8
Sequence 139814,	US-10-052-283-139814	17	600	76.4	16.8
Sequence 5729, Ap	US-10-363-345A-5729	20	600	76.4	16.8
Sequence 5729, Ap	US-10-363-345A-5729	20	600	76.4	16.8
Sequence 5729, Ap	US-10-363-345A-5729	20	600	76.4	16.8
Sequence 40204, A	US-10-369-493-40204	17	1272	76.4	16.8
Sequence 10596, A	US-10-282-122A-10596	17	1290	76.4	16.8
Sequence 53, Appl	US-10-239-676-53	14	17421	76.4	16.8
Sequence 55, Appl	US-10-240-453-55	15	17421	76.4	16.8

